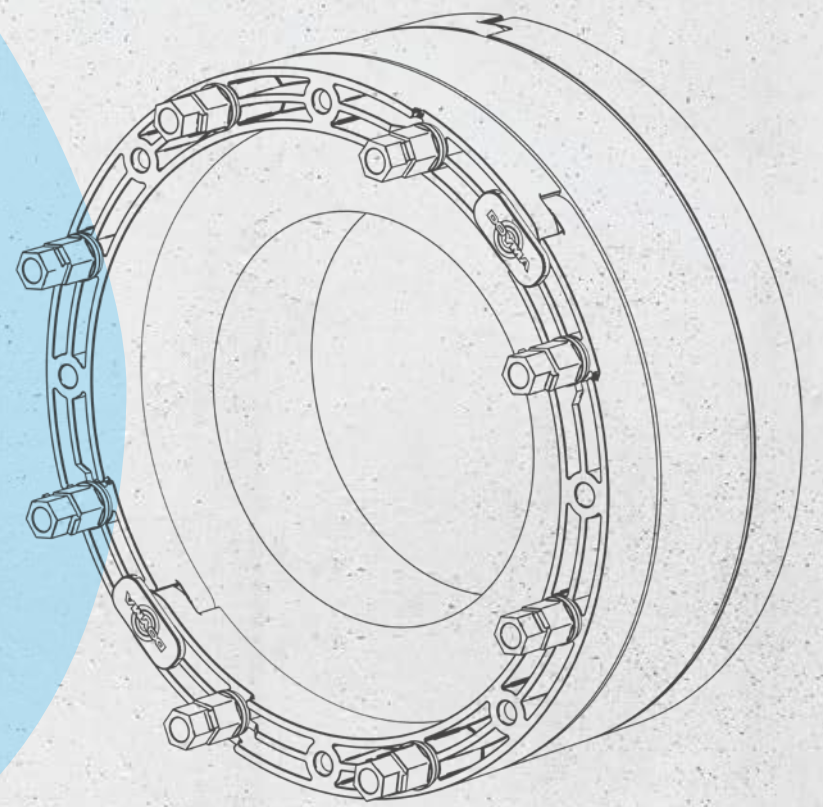
Curaflex®
CATALOGUE 2024

Valid from 1 January 2024



JUST SIMPLY SAFE.

DOYMA

Content

MORE INFORMATION AND PRICES FOR OUR PRODUCTS CAN BE FOUND IN THE ADDITIONAL **PRODUCT RANGE PRICE LISTS** AND THE **BASIC PRINCIPLES OF SEALING AND FIRE CONTROL**!

Subject to technical changes. Prices specified in EUR/pc. not including statutory VAT. The specified prices are valid until new documentation is released. Prices may change due to price fluctuations. Errors, omissions, typos and price changes excepted.

SMART DOYMA PLATFORM

Every Curaflex Nova® product now has a QR code on it.
Scan this code before installing the product and get instant access to the SMART DOYMA PLATFORM – your mobile tool for:

INSTALLATION REPORT
Complete the installation report and get a 25-year warranty

YOUTUBE CHANNEL
Installation and product videos

INSTALLATION INSTRUCTIONS
Access the installation instructions directly

PRODUCT PAGE
Product details including data sheet and technical drawings

TEXT FOR TENDERS
Direct access to text for tenders

CONTACT
Direct contact with our consultants

WWW.AUSSCHREIBEN.DE

ALL DOYMA TEXT FOR TENDERS CAN BE FOUND ON THE FREE PLATFORM FOR CONTRACTING AUTHORITIES (NO LOGIN REQUIRED).

YOUR BENEFITS

- Fast
- Convenient
- Structured
- Export to all common file formats such as GAEB, Word, Datanorm, PDF etc. (details on website)
- Data sheets
- Technical drawings

DOYMA INFORMATION TOOLS

DOYMA website:
Orientation and up-to-date information

YouTube:
Installation videos and product demonstrations

www.Ausschreiben.de:
All DOYMA text for tenders on a free platform

facebook:
Product news, events and occasions

DOYMA NEWSLETTER

YOUR BENEFITS

- Get the latest news
- Find useful information from the world of sealing and fire control systems
- Gain a good understanding of complex technical subject matter
- Read articles with a strong focus on practical applications

SYNONYM FOR SAFETY
DOYMA sealing systems

THE DOYMA BRAND HAS MADE ITS MARK ON THE SAFE SEALING OF BUILDING PENETRATIONS LIKE NO OTHER

Sealing building penetrations is often just one small detail of a very complex building structure Nevertheless, perfect sealing not only protects the people and objects inside the building but also the building itself from external influences, especially water and gas ingress DOYMA offers you a valuable tool for the professional, expert planning and implementation of a wide range of different types of building sealing methods

BASIC PRINCIPLES OF SEALING SYSTEM

Safe action based on knowledge of the generally accepted state of the art

- Extremely streamlined visualisation of known building conditions, making them easy to understand
- Essential control engineering notes using the FHRK planning aid
- List of suitable DOYMA products
- Achieve your objective quickly with the best DOYMA product recommendations
- Regulations, guidelines and standards to be observed
- Information on relevant regulations and guidelines
- …and other useful information

AVAILABLE FOR DOWNLOAD:
www.doyma.com

* FHRK - Fachverband Hauseinführungen für Rohre und Kabel e.V.

SEALING SYSTEMS FROM DOYMA

Systems with the FHRK quality seal!

In the past, there were no uniform test standards for the production and installation of sealing products in waterproof concrete structures, even though the building seal in particular is crucial for subsequent quality of life, safety, retention of value and health.

For this reason, the association **Fachverband Hauseinführungen für Rohre und Kabel (FHRK) e.V.** took the initiative and developed practical test regulations within its working committees.

Building owners, architects, supply companies and construction companies – everyone benefits from the new FHRK test regulations.

MORE SAFETY IN PRODUCT SELECTION

Thanks to uniform product and quality standards

GREATER PRODUCT QUALITY

Thanks to exacting test specifications based on practical load tests with defined thresholds

FULL TRUST IN PRODUCT PERFORMANCE

Thanks to confirmation of test standards by an independent and certified testing institute

BETTER COMPARABILITY

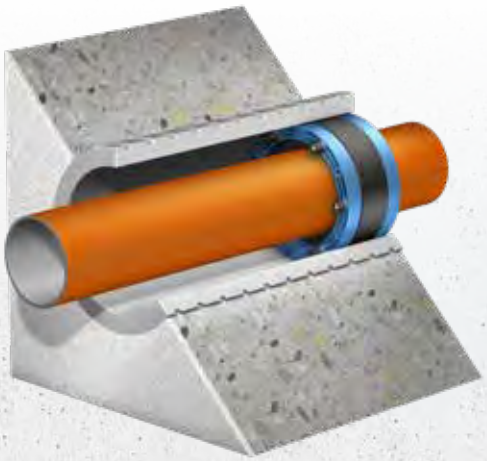
Thanks to uniform documentation and verification requirements

'FHRK QUALITY' – SUCCESSFULLY TESTED!

DOYMA sealing systems have passed the test and feature the 'FHRK quality' seal.

The corresponding products and their documentation are marked with the FHRK quality seal.

More safety in function and quality!



* Standards and guidelines which must be observed may vary depending on the federal state and local building code.

SEALING SYSTEMS FROM DOYMA

Effective protection against radon

RADON TIGHT
IAF GmbH

WHERE DOES RADON COME FROM?

Radon is a noble gas and a natural decay product that comes from uranium-containing rocks in the soil. Colourless and odourless, it is imperceptible to humans. Measurements in some regions show especially high radon levels – and unfortunately these worrying measurements are not isolated cases. 'Radon maps' record radon concentrations in detail for the different regions of Germany.

WHAT DANGER DOES RADON POSE?

Radon can get in through openings in basement walls and building foundations (e.g. non-tight piping) and then eventually reach the living spaces in a building. According to the World Health Organisation (WHO), long-term contamination of the breathing air at levels over 100 Bq/m^3 (becquerel per cubic metre) is likely to be harmful to health. Study results show a proportional correlation between rising radon concentration and risk of lung cancer. The risk of lung cancer increases by about ten per cent per 100 Bq/m^3 increase in the radon concentration. After smoking, radon is the most common cause of lung cancer.[1)]

CERTIFIED SAFETY FOR THE ENTIRE COMPONENT

Logical consequence: all elements of the building envelope that come into contact with soil must be permanently sealed against radon. This is especially true for supply and disposal lines, both in new builds and also when renovating existing buildings.
A material test is usually conducted to verify radon tightness. Current radon tests go significantly further: as a proactive measure, DOYMA has had the most important **sealing systems in their entirety** tested by an independent testing institute (IAF in Radeberg). This means that the systems were tested in their fully assembled and installed state. The result: **all systems were certified to be 'radon-tight'!**

[1)] Source: website of the German Federal Office for Radiation Protection (BfS); 'Health effects of radon in confined spaces'

The following DOYMA product groups are certified:

- Quadro-Secura® multi-compartment house lead-ins
- Quadro-Secura® single compartment house lead-ins
- Curaflex Nova® sealing systems
- Curaflex® sealing systems

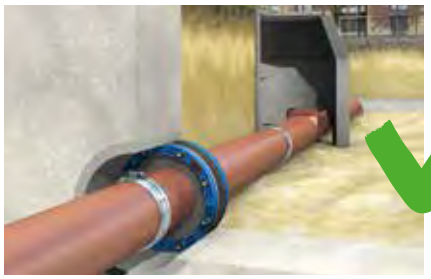
Want to know more about which individual products are 'radon-tight'? Visit our website:
www.doyma.de

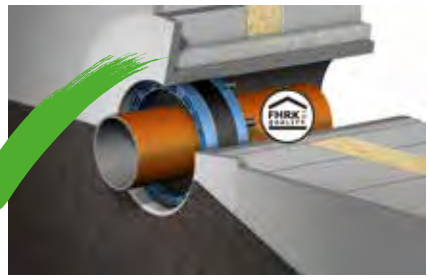
EXAMPLES:
NON-COMPLIANT EXECUTION

When it comes to building and mains connections, pipes are often used not as intended (see figures). Using them as a feed-through system without further measures does not meet the state of the art and is not suitable for permanent, safe sealing in accordance with the following standards and regulations!

EXAMPLES:
COMPLIANT EXECUTION

The safe and correct execution of a multi-compartment house lead-in, in this example using the Quadro-Secura® Basic R4+ for buildings without basements and Quadro-Secura® Nova 1/wide for buildings with basements.





GUIDELINES THAT YOU SHOULD KNOW!*

When planning and executing gas-tight and watertight building penetrations, the following regulations, among others, must be observed:

- DIN 18533, Waterproofing of building components in contact with the ground
- DIN 18535, Waterproofing of tanks and basins
- DIN 18322, VOB Part C, ATV for cable line civil engineering works
- DIN 18336, VOB Part C, ATV for waterproofing work
- DIN 1986-100, Drainage systems for buildings and properties
- DAfStb Guideline, Water Impermeable Concrete Structures (WU Guideline)
- AGFW FW419/ DVGW GW-390 / VDE-AR-N 4223, Building penetrations and their sealing for underground pipelines
- WTA – Instruction sheet 4-6-14/D, Subsequent sealing of building components in contact with the ground

* Standards and guidelines which must be observed may vary depending on the federal state and local building code.

Overview of water exposure

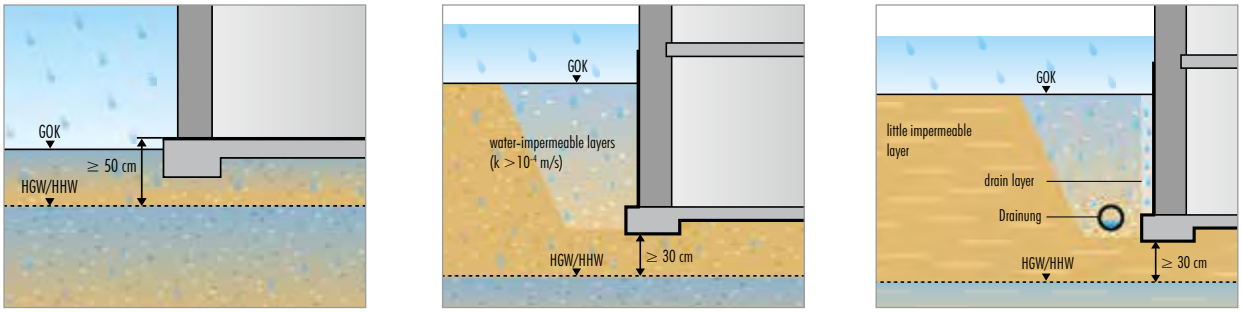
NON-PRESSING WATER

DIN 18533 W1-E: SOIL MOISTURE AND NON-PRESSING WATER

W1.1-E: soil moisture
Soil/fill heavily water-permeable

W1.1-E: soil moisture
Non-pressing water
Soil/fill heavily water-permeable

W1.2-E: soil moisture
Non-pressing water
Soil/fill less water-permeable
with drainage in accordance with
DIN 4095



Waterproofing guideline, load class 2: soil moisture and non-standing seepage water

PRESSING WATER

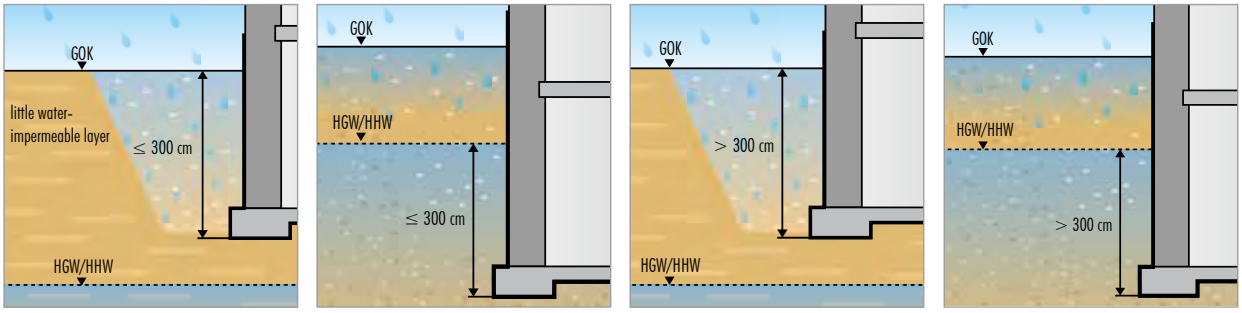
DIN 18533 W2-E: PRESSING WATER

W2.1-E: standing water up to 3 m
Soil/fill less water-permeable

W2.1-E: groundwater/ flood level up to 3 m

W2.2-E: standing water greater than 3 m
Soil/fill less water-permeable

W2.2-E: groundwater/ flood level up to 3 m



Waterproofing guideline, load class 1: Constant and temporary pressing water

More information can be found in the DOYMA ‘Basic principles of sealing systems’ documentation

THE NEW GENERATION
Curaflex Nova®

PROFESSIONAL SOLUTIONS FOR THE TRADESMAN WITH UNIQUELY SAFE INSTALLATION

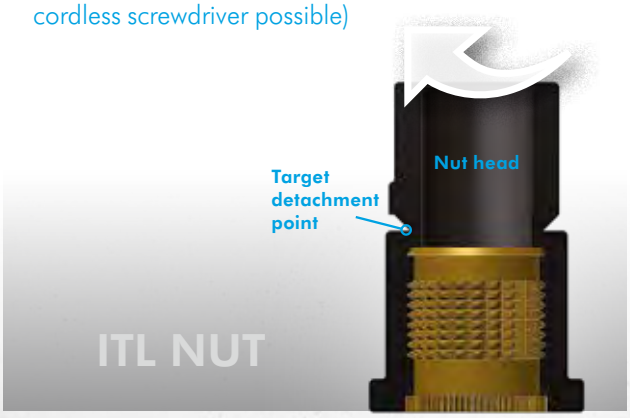
What a good tradesman really needs is professional equipment: especially when it comes to gasket inserts! Only with professional gasket inserts is the tradesman truly equipped for any situation. The new generation of Curaflex Nova® gasket inserts instantly solves countless sealing problems and offers a wide range of application options for every professional tradesman.

EASY

- Tight in any building phase
- Safe in all load cases

FAST

- No torque spanner required
- The right torque automatically (no special tool needed: cordless screwdriver possible)



SAFE

- Extraordinary 25-year warranty – far beyond legal requirements
- Cost of installation and removal covered up to €10,000
- Product replaced and damages covered up to €100,000

CURAFLEX NOVA®: PACKED WITH STATE-OF-THE-ART TECHNOLOGY

ITL = INTEGRATED TORQUE LIMITER

Optimal contact pressure through an automatically set correct torque. Specially developed ITL nuts reliably detach at the defined torque.

DOYMA-GRIP

The specially developed ageing-resistant elastomer prevents friction-reducing substances from causing the gasket insert to slip under load.

DDE = DOYMA DIAMETER EXTENSION

Plug-in modules allow tool-free adaptation to a wide range of media cable diameters with only one gasket insert and maximum flexibility on-site.

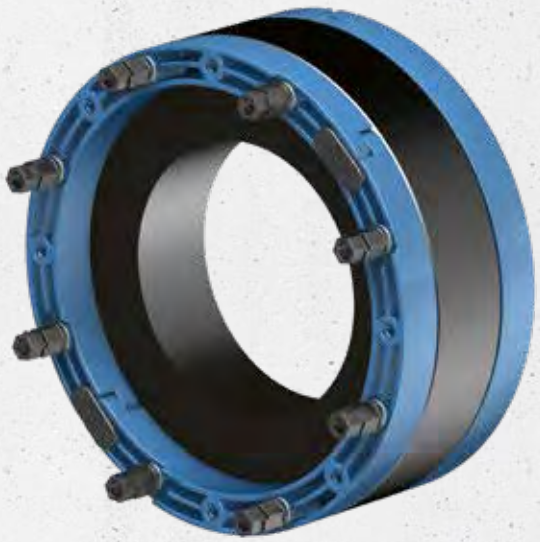
STS = SOFT TIGHT SYSTEM

Gentle sealing of sensitive pipes – ideal for corrugated pipes, textured plastic jacket and cable protection pipes.

Curaflex Nova® Uno

NON-PRESSING WATER
PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)



ITL DOYMA GRIP Leakage test G 30661 iro Oldenburg Leakage test G 30663 iro Oldenburg FHRK QUALITY RADON TIGHT IAF GmbH 25 years guarantee

PRODUCT ADVANTAGES

- With ITL system for optimal contact pressure – can also be installed with a cordless screwdriver
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-5) - FHRK 40 LD10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- 40 mm sealing width

THE GASKET INSERT CONSISTS OF:

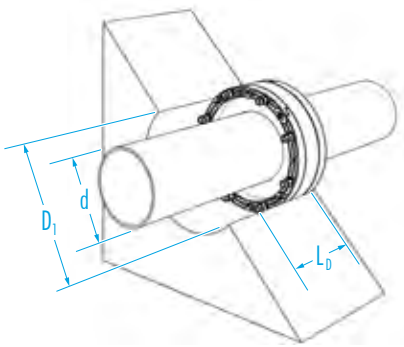
- Blue frame rings made of high-performance plastic
- Elastomer sealing ring, 40 mm wide, made of EPDM (DOYMA-Grip), optional NBR (fuel/oil-resistant)
- ITL nuts
- A4 stainless steel screws

SMART DOYMA PLATFORM
Simply scan and get detailed information!

ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant
- Fixing tabs
- ITL nut set

* see corresponding section



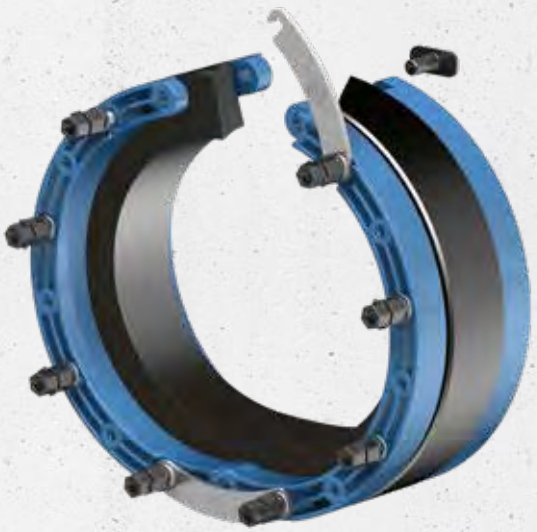
Curaflex Nova® Uno

Inner diameter of pipe sleeve / core bore D_i [DN in mm]	Outer diameter of pipe / cable d [mm]	Article number
80 (79 – 83)	5 – 8	1 88 1 008 080 4 0
	9 – 12	1 88 1 012 080 4 0
	13 – 16	1 88 1 015 080 4 0
	17 – 20	1 88 1 020 080 4 0
	21 – 24	1 88 1 022 080 4 0
	25 – 29	1 88 1 025 080 4 0
	30 – 35	1 88 1 032 080 4 0
	36 – 40	1 88 1 040 080 4 0
100 (99 – 104)	5 – 8	1 88 1 008 100 4 0
	9 – 12	1 88 1 012 100 4 0
	13 – 16	1 88 1 015 100 4 0
	17 – 20	1 88 1 020 100 4 0
	21 – 24	1 88 1 022 100 4 0
	25 – 29	1 88 1 025 100 4 0
	30 – 35	1 88 1 032 100 4 0
	40 – 45	1 88 1 040 100 4 0
	46 – 52	1 88 1 050 100 4 0
	53 – 57	1 88 1 056 100 4 0
	58 – 63	1 88 1 063 100 4 0
150 (149 – 153)	63 – 68	1 88 1 063 150 4 0
	73 – 78	1 88 1 075 150 4 0
	87 – 92	1 88 1 090 150 4 0
	98 – 104	1 88 1 098 150 4 0
	105 – 112	1 88 1 110 150 4 0
200 (199 – 203)	108 – 113	1 88 1 110 200 4 0
	114 – 118	1 88 1 118 200 4 0
	124 – 128	1 88 1 125 200 4 0
	132 – 135	1 88 1 135 200 4 0
	139 – 144	1 88 1 140 200 4 0
	145 – 150	1 88 1 148 200 4 0
	154 – 160	1 88 1 160 200 4 0
250 (249 – 253)	158 – 161	1 88 1 160 250 4 0
	162 – 163	1 88 1 163 250 4 0
	164 – 169	1 88 1 168 250 4 0
	170 – 174	1 88 1 170 250 4 0
	175 – 180	1 88 1 180 250 4 0
	198 – 201	1 88 1 200 250 4 0
300 (299 – 303)	198 – 201	1 88 1 200 300 4 0
	209 – 212	1 88 1 210 300 4 0
	215 – 220	1 88 1 219 300 4 0
	221 – 225	1 88 1 225 300 4 0
L_D (max. design length) [mm]: 100		

Curaflex Nova® Uno/T

NON-PRESSING WATER
PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)
- Split version, for pre-installed pipes



ITL DOYMA GRIP Leakage test G 30661 iro Oldenburg FHRK QUALITY RADON TIGHT IAF GmbH 25 years guarantee

PRODUCT ADVANTAGES

- With ITL system for optimal contact pressure – can also be installed with a cordless screwdriver
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- For retrofitting around existing pipes
- With quick release for safe and secure closure

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-5) - FHRK 40 LD10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- 40 mm sealing width
- Split version

THE GASKET INSERT CONSISTS OF:

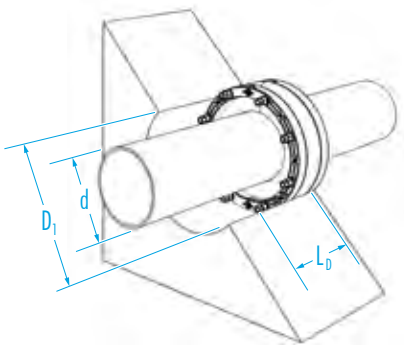
- Split blue frame rings made of high-performance plastic
- Split elastomer sealing ring, 40 mm wide, made of EPDM (DOYMA-Grip), optional NBR (fuel/oil-resistant)
- V4A stainless steel quick release
- ITL nuts
- A4 stainless steel screws

SMART DOYMA PLATFORM
Simply scan and get detailed information!

ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant
- Fixing tabs
- ITL nut set

* see corresponding section



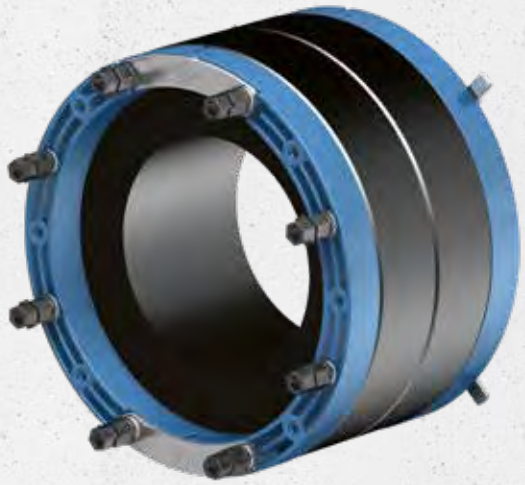
Curaflex Nova® Uno/T

Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of pipe / cable d [mm]	Article number
80 (79 – 83)	5 – 8	1 88 2 008 080 4 0
	9 – 12	1 88 2 012 080 4 0
	13 – 16	1 88 2 015 080 4 0
	17 – 20	1 88 2 020 080 4 0
	21 – 24	1 88 2 022 080 4 0
	25 – 29	1 88 2 025 080 4 0
	30 – 35	1 88 2 032 080 4 0
	36 – 40	1 88 2 040 080 4 0
100 (99 – 104)	5 – 8	1 88 2 008 100 4 0
	9 – 12	1 88 2 012 100 4 0
	13 – 16	1 88 2 015 100 4 0
	17 – 20	1 88 2 020 100 4 0
	21 – 24	1 88 2 022 100 4 0
	25 – 29	1 88 2 025 100 4 0
	30 – 35	1 88 2 032 100 4 0
	40 – 45	1 88 2 040 100 4 0
	46 – 52	1 88 2 050 100 4 0
	53 – 57	1 88 2 056 100 4 0
	58 – 63	1 88 2 063 100 4 0
150 (149 – 153)	63 – 68	1 88 2 063 150 4 0
	73 – 78	1 88 2 075 150 4 0
	87 – 92	1 88 2 090 150 4 0
	98 – 104	1 88 2 098 150 4 0
	105 – 112	1 88 2 110 150 4 0
200 (199 – 203)	108 – 113	1 88 2 110 200 4 0
	114 – 118	1 88 2 118 200 4 0
	124 – 128	1 88 2 125 200 4 0
	132 – 135	1 88 2 135 200 4 0
	139 – 144	1 88 2 140 200 4 0
	145 – 150	1 88 2 148 200 4 0
	154 – 160	1 88 2 160 200 4 0
250 (249 – 253)	158 – 161	1 88 2 160 250 4 0
	162 – 163	1 88 2 163 250 4 0
	164 – 169	1 88 2 168 250 4 0
	170 – 174	1 88 2 170 250 4 0
	175 – 180	1 88 2 180 250 4 0
	198 – 201	1 88 2 200 250 4 0
300 (299 – 303)	198 – 201	1 88 2 200 300 4 0
	209 – 212	1 88 2 210 300 4 0
	215 – 220	1 88 2 219 300 4 0
	221 – 225	1 88 2 225 300 4 0
L_D (max. design length) [mm]: 100		

Curaflex Nova® Uno/breit

NON-PRESSING WATER
PRESSING WATER

- Sealing of penetrations
- Use in waterproof concrete core bore (white tank)
- Ideal for twin/element walls



ITL DOYMA GRIP FHRK QUALITY RADON TIGHT IAF GmbH 25 years guarantee

PRODUCT ADVANTAGES

- With ITL system for optimal contact pressure – can also be installed with a cordless screwdriver
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- Wide rubber seal covers prefabricated concrete shell and core concrete
- Clear positioning thanks to fixing tabs (included in the scope of delivery)

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-5) - FHRK 80 LD10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- 80 mm sealing width

THE GASKET INSERT CONSISTS OF:

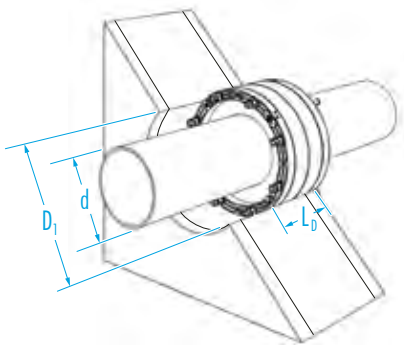
- V4A stainless steel hinge bracket
- Split elastomer sealing ring, 2 × 40 mm wide, made of EPDM (DOYMA-Grip)
- ITL nuts
- A4 stainless steel screws
- 4 fixing tabs including V2A stainless steel screws

SMART DOYMA PLATFORM
Simply scan and get detailed information!

ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant
- ITL nut set

* see corresponding section



Curaflex Nova® Uno/breit

Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of pipe / cable d [mm]	Article number
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	17 – 20	1 88 4 020 080 4 0
	21 – 24	1 88 4 022 080 4 0
	25 – 29	1 88 4 025 080 4 0
	30 – 35	1 88 4 032 080 4 0
	36 – 40	1 88 4 040 080 4 0
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	139 – 144	1 88 4 140 200 4 0
	145 – 150	1 88 4 148 200 4 0
	154 – 160	1 88 4 160 200 4 0
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	162 – 163	1 88 4 163 250 4 0
	164 – 169	1 88 4 168 250 4 0
	170 – 174	1 88 4 170 250 4 0
	175 – 180	1 88 4 180 250 4 0
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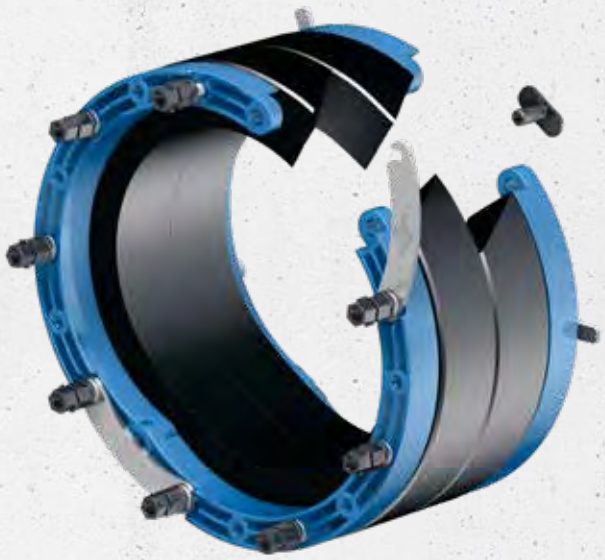
	209 – 212	1 88 4 210 300 4 0
	215 – 220	1 88 4 219 300 4 0
	221 – 225	1 88 4 225 300 4 0
L_D (max. design length) [mm]: 140		

Curaflex Nova® Uno/breit/T

NON-PRESSING WATER
PRESSING WATER

- Sealing of penetrations
- Use in waterproof concrete core bore (white tank)
- Ideal for twin/element walls
- Split version, for pipes that are already installed



ITL DOYMA GRIP FHRK QUALITY RADON TIGHT IAF GmbH 25 years guarantee

PRODUCT ADVANTAGES

- With ITL system for optimal contact pressure – can also be installed with a cordless screwdriver
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- Wide rubber seal covers prefabricated concrete shell and core concrete
- Clear positioning thanks to fixing tabs (included in the scope of delivery)
- For retrofitting around existing pipes and cables
- With quick release for safe and secure closure

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-5) - FHRK 80 LD10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- 80 mm sealing width

THE GASKET INSERT CONSISTS OF:

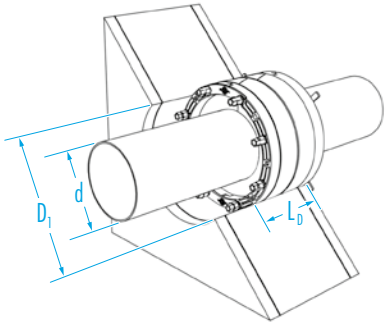
- Split blue frame rings made of high-performance plastic
- Split elastomer sealing ring, 2 × 40 mm wide, made of EPDM (DOYMA-Grip)
- V4A stainless steel quick release
- ITL nuts
- A4 stainless steel screws
- 4 fixing tabs including V2A stainless steel screws

SMART DOYMA PLATFORM
Simply scan and get detailed information!

ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant
- ITL nut set

* see corresponding section



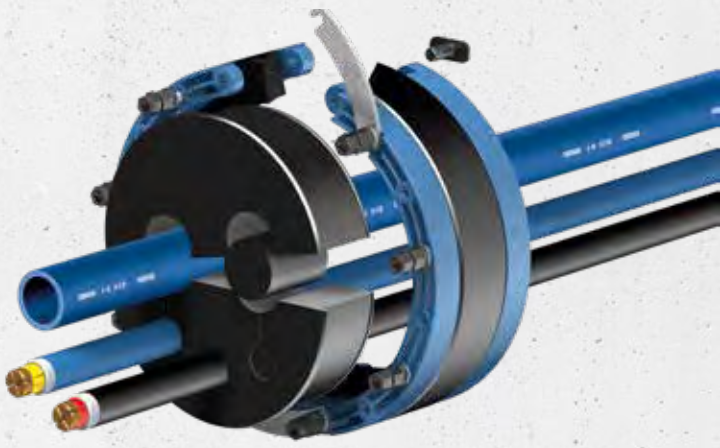
Curaflex Nova® Uno/breit/T

Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of pipe / cable d [mm]	Article number
80 (79 – 83)	5 – 8	1 88 7 008 080 4 0
	9 – 12	1 88 7 012 080 4 0
	13 – 16	1 88 7 015 080 4 0
	17 – 20	1 88 7 020 080 4 0
	21 – 24	1 88 7 022 080 4 0
	25 – 29	1 88 7 025 080 4 0
	30 – 35	1 88 7 032 080 4 0
	36 – 40	1 88 7 040 080 4 0
100 (99 – 104)	5 – 8	1 88 7 008 100 4 0
	9 – 12	1 88 7 012 100 4 0
	13 – 16	1 88 7 015 100 4 0
	17 – 20	1 88 7 020 100 4 0
	21 – 24	1 88 7 022 100 4 0
	25 – 29	1 88 7 025 100 4 0
	30 – 35	1 88 7 032 100 4 0
	40 – 45	1 88 7 040 100 4 0
	46 – 52	1 88 7 050 100 4 0
	53 – 57	1 88 7 056 100 4 0
	58 – 63	1 88 7 063 100 4 0
150 (149 – 153)	63 – 68	1 88 7 063 150 4 0
	73 – 78	1 88 7 075 150 4 0
	87 – 92	1 88 7 090 150 4 0
	98 – 104	1 88 7 098 150 4 0
	105 – 112	1 88 7 110 150 4 0
200 (199 – 203)	108 – 113	1 88 7 110 200 4 0
	114 – 118	1 88 7 118 200 4 0
	124 – 128	1 88 7 125 200 4 0
	132 – 135	1 88 7 135 200 4 0
	139 – 144	1 88 7 140 200 4 0
	145 – 150	1 88 7 148 200 4 0
	154 – 160	1 88 7 160 200 4 0
250 (249 – 253)	158 – 161	1 88 7 160 250 4 0
	162 – 163	1 88 7 163 250 4 0
	164 – 169	1 88 7 168 250 4 0
	170 – 174	1 88 7 170 250 4 0
	175 – 180	1 88 7 180 250 4 0
	198 – 201	1 88 7 200 250 4 0
300 (299 – 303)	198 – 201	1 88 7 200 300 4 0
	209 – 212	1 88 7 210 300 4 0
	215 – 220	1 88 7 219 300 4 0
	221 – 225	1 88 7 225 300 4 0
L_D (max. design length) [mm]: 140		

Curaflex Nova® Uno/M/T

NON-PRESSING WATER
PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)
- Split version, for pipes that are already installed
- With replaceable interchangeable insert



ITL DOYMA GRIP FHRK QUALITY 25 years guarantee

PRODUCT ADVANTAGES

- With ITL system for optimal contact pressure – can also be installed with a cordless screwdriver
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- For retrofitting around existing pipes
- With quick release for safe and secure closure
- The internal split interchangeable insert can be replaced with a new one at any time

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 without radial load as per 4.3.2 (no. G 30 322-2-4) - FHRK 40 D10
- Gas and water-tight
- Radon proof – according to FHRK information sheet MB101
- Can accommodate axial movements
- 40 mm sealing width
- Split version

THE GASKET INSERT CONSISTS OF:

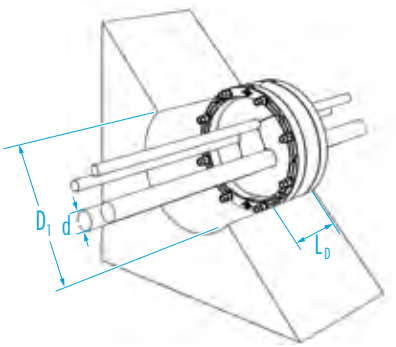
- Split blue frame rings made of high-performance plastic
- Split elastomer sealing ring, 40 mm wide, made of EPDM (DOYMA-Grip)
- V4A stainless steel quick release
- ITL nuts
- A4 stainless steel screws
- Interchangeable insert made of EPDM with limit stop for axial mounting

SMART DOYMA PLATFORM
Simply scan and get detailed information!

ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant
- Fixing tabs
- ITL nut set

* see corresponding section



Curaflex Nova® Uno/M/T with change core

Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of pipe / cable* d [mm]
100 (99 – 104)	1 – 3 x (5 – 22)
	1 – 5 x (5 – 17)
	1 – 9 x (5 – 12)
150 (149 – 153)	1 – 3 x (5 – 42)
	1 – 5 x (5 – 34)
	1 – 9 x (5 – 24)
200 (199 – 203)	1 – 3 x (5 – 50)
	1 – 6 x (5 – 40)
	1 – 8 x (5 – 30) + 1 x (5 – 40)
	1 – 2 x (5 – 63) + 1 – 2 x (5 – 40)
L_D (max. design length) [mm]: 100	

*The precise outer diameter and number of pipes must be specified in your order. No article numbers.

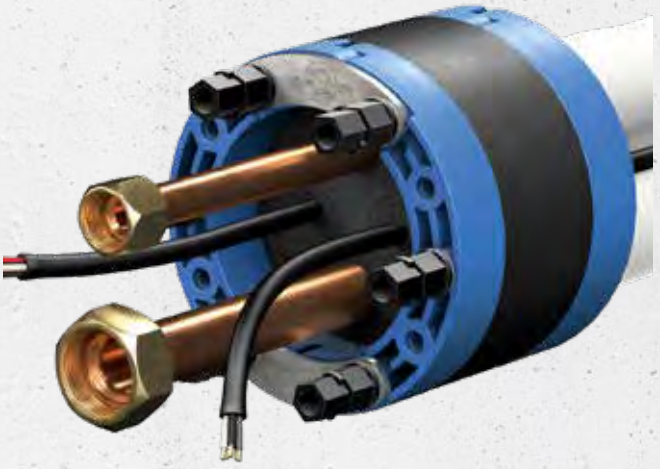
Change core single (optional)

article
Change core DN 100
Change core DN 150
Change core DN 200

Curaflex Nova® Uno/M/Z

NON-PRESSING WATER
PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or WU concrete core drilling (white tank)
- variable sealing of cables or pipes with different diameters
- Hinged, for already laid cables
- With exchangeable onion ring inserts
- ideal for refrigerant lines



ITL DOYMA GRIP 25 Jahre Garantie

PRODUCT ADVANTAGES

- With ITL system for optimal contact pressure – can also be installed with a cordless screwdriver
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- For retrofitting around existing pipes
- With quick release for safe and secure closure
- Closure of reserve openings by means of supplied blanking plugs

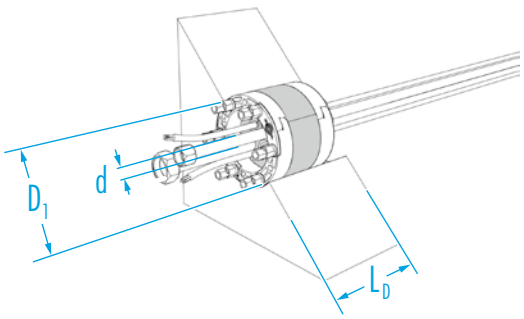
TECHNICAL DETAILS

- Gas and water-tight
- Radon proof – according to FHRK information sheet MB101
- 40 mm sealing width
- variable sealing

THE GASKET INSERT CONSISTS OF:

- Split blue frame rings made of high-performance plastic
- Split elastomer sealing ring, 40 mm wide, made of EPDM (DOYMA-Grip)
- V4A stainless steel quick release
- ITL nuts
- A4 stainless steel screws
- onion ring insert 40mm with collar made of EPDM

SMART DOYMA PLATFORM
Simply scan and get detailed information!



ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant
- Fixing tabs
- ITL nut set

* see corresponding section

Curaflex Nova® Uno/M/Z

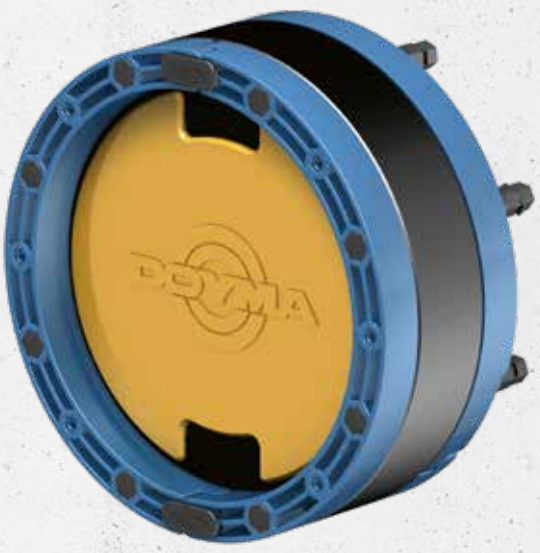
Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	cable d [mm]	Outer diameter of pipe [Zoll]	Article number
100 (99 – 102)	2 x 6-15	1/4 + 1/2	1 88 8 001 100 40
100 (99 – 102)	2 x 6-15	3/8 + 5/8	1 88 8 002 100 40
100 (99 – 102)	2 x 6-15	1/4 + 5/8	1 88 8 003 100 40
L_0 (max. design length) [mm]: 100			

Zoll	Outer diameter
1/4	6,4 mm
1/2	12,7 mm
3/8	9,5 mm
5/8	15,9 mm

Curaflex Nova® Uno/0

NON-PRESSING WATER
PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)
- Permanent plug seal



ITL DOYMA GRIP Leakage test G 30661 iro Oldenburg FHRK QUALITY 25 years guarantee RADON TIGHT IAF GmbH

PRODUCT ADVANTAGES

- With ITL system for optimal contact pressure – can also be installed with a cordless screwdriver
- With removable sealing plugs, making it suitable for pipe routing
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-5) - FHRK 40 LD10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Plug seal, removable
- 40 mm sealing width

THE GASKET INSERT CONSISTS OF:

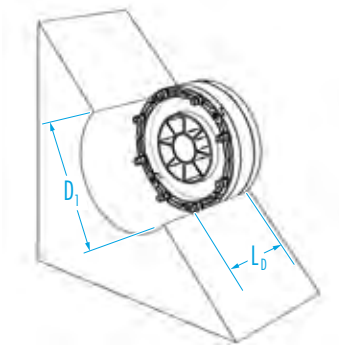
- Blue frame rings made of high-performance plastic
- Elastomer sealing ring, 40 mm wide, made of EPDM (DOYMA-Grip), optional NBR (fuel/oil-resistant)
- ITL nuts
- A4 stainless steel screws
- Plastic sealing plugs

SMART DOYMA PLATFORM
Simply scan and get detailed information!

ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant
- Fixing tabs
- ITL nut set

* see corresponding section



Curaflex Nova® Uno/0

Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of pipe/cable [mm]*	Article number
80 (79 – 83)	30 – 35	1 88 1 000 080 4 0
100 (99 – 104)	30 – 35	1 88 1 000 100 4 0
150 (149 – 153)	62 – 63	1 88 1 000 150 4 0
200 (199 – 203)	108 – 112	1 88 1 000 200 4 0
00250 (249 – 253)	158 – 161	1 88 1 000 250 4 0
300 (299 – 303)	198 – 201	1 88 1 000 300 4 0
L_D (max. design length) [mm]: 100		

*Suitable for pipe routing after sealing plug is removed.

Curaflex Nova® Senso

NON-PRESSING WATER
PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)
- Ideal for flexible pipes

PRODUCT ADVANTAGES

- With ITL system for optimal contact pressure – can also be installed with a cordless screwdriver
- With STS for the gentle sealing, thus ideal for flexible pre-insulated plastic pipes and flexible cable protection pipe
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 in DN 200 without radial load as per 4.3.2 (no. G 30 322-2-8)
  - FHRK 45 D10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- 45 mm sealing width

THE GASKET INSERT CONSISTS OF:

- Blue frame rings made of high-performance plastic
- Elastomer sealing ring, 45 mm wide, made of EPDM (DOYMA-Grip), with butyl insert
- ITL nuts
- A4 stainless steel screws

ACCESSORIES (OPTIONAL)*

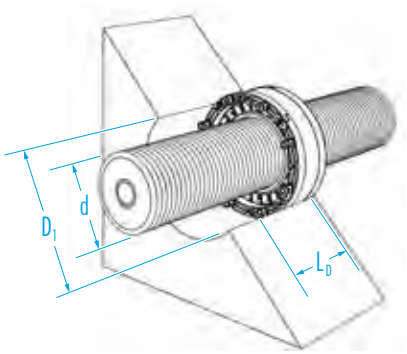
- Aquagard core bore sealant
- Fixing tabs

* see corresponding section

Before the gasket insert is tightened.

Curaflex Nova®
Senso is tightened.

SMART DOYMA PLATFORM
Simply scan and get detailed information!



Curaflex Nova® Senso

Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of pipe / cable d [mm]	Article number
150 (149 – 153)	74 – 76	1 84 0 075 150 4 0
	89 – 91	1 84 0 090 150 4 0
	109 – 111	1 84 0 110 150 4 0
200 (199 – 203)	109 – 111	1 84 0 110 200 4 0
	124 – 126	1 84 0 125 200 4 0
	139 – 141	1 84 0 140 200 4 0
	159 – 161	1 84 0 160 200 4 0
250 (249 – 253)	159 – 161	1 84 0 160 250 4 0
	174 – 176	1 84 0 175 250 4 0
	181 – 183	1 84 0 182 250 4 0
	199 – 201	1 84 0 200 250 4 0
L_0 (max. design length) [mm]: 105		

Curaflex Nova® Multi

NON-PRESSING WATER
PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)
- High variability

Plug-in modules allow flexible adaptation.

PRODUCT ADVANTAGES

- With ITL system for optimal contact pressure – can also be installed with a cordless screwdriver
- With DDE (DOYMA DIAMETER EXTENSION), modular gasket insert, thus high variability. Reversible adaptability to the media pipe
- Permanently sealed – no need to re-tension later (maintenance-free)
- Integrated plug seal, easy to assign later
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 without radial load as per 4.3.2 (no. G 30 322-2-3) - FHRK 45 D10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- 45 mm sealing width
- DN 100 plugged sealing and from 20–63 mm
- DN 200 plugged sealing and from 108–160 mm

THE GASKET INSERT CONSISTS OF:

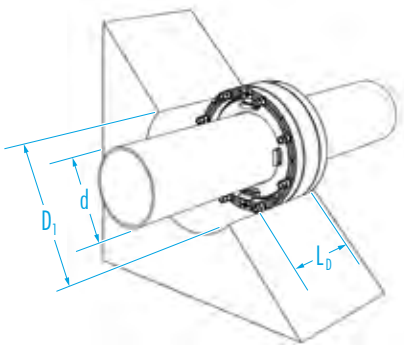
- Blue frame rings made of high-performance plastic
- Elastomer sealing rings, 45 mm wide, made of EPDM (DOYMA-Grip)
- Plug-in DDE modules
- ITL nuts
- A4 stainless steel screws

SMART DOYMA PLATFORM
Simply scan and get detailed information!

ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant
- Fixing tabs
- ITL nut set

* see corresponding section



Curaflex Nova® Multi

Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of pipe / cable d [mm]	Article number
100 (99 – 104)	blind	1 88 0 000 100 4 0
	20 – 25	
	28 – 35	
	40 – 45	
	46 – 52	
	57 – 63	
200 (199 – 203)	blind	1 88 0 000 200 4 0
	108 – 112	
	113 – 118	
	124 – 128	
	131 – 135	
	139 – 144	
	156 – 160	
L_D (max. design length) [mm]: 105		

Curaflex Nova® Uno/MS

NON-PRESSING WATER
PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve
- or waterproof concrete core bore (white tank)
- With additional shrink technology
- Ideal for flexible cable protection pipes

ITL DOYMA GRIP 25 years guarantee

PRODUCT ADVANTAGES

- With ITL system for optimal contact pressure – can also be installed with a cordless screwdriver
- No relevant mechanical forces are exerted on the pipe thanks to the shrink technology
- Ideal for corrugated pipes or medium voltage cables where no mechanical forces are allowed or able to be exerted on the pipe (thin-walled 'ribs' or similar)
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-5) (only valid for the Curaflex Nova Uno gasket insert in this case) - FHRK 40 LD10
- Gas and water-tight
- Radon proof – according to FHRK information sheet MB101
- With shrink technology

THE GASKET INSERT CONSISTS OF:

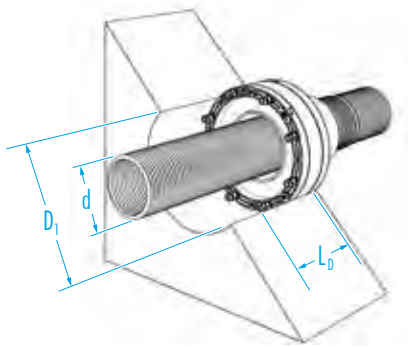
- Blue frame ring made of high-performance plastic
- Elastomer sealing ring, 40 mm wide, made of EPDM (DOYMA-Grip)
- Heat-shrink sleeving
- PEHD jacket pipe
- ITL nuts
- A4 stainless steel screws

SMART DOYMA PLATFORM
Simply scan and get detailed information!

ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant
- Fixing tabs
- ITL nut set

* see corresponding section



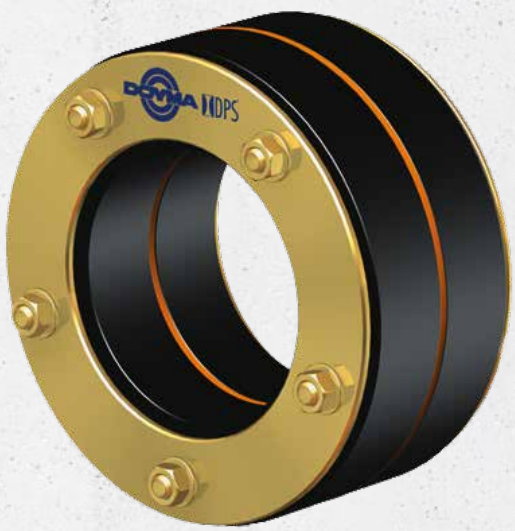
Curaflex Nova® Uno/MS

Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of pipe / cable d [mm]	Article number
100 (99 – 104)	20 – 39	1 88 3 032 100 4 0
	40 – 50	1 88 3 050 100 4 0
150 (149 – 153)	40 – 50	1 88 3 050 150 4 0
	51 – 95	1 88 3 090 150 4 0
200 (199 – 203)	64 – 95	1 88 3 090 200 4 0
	96 – 147	1 88 3 110 200 4 0
250 (249 – 253)	64 – 95	1 88 3 090 250 4 0
	96 – 150	1 88 3 110 250 4 0
300 (299 – 303)	90 – 150	1 88 3 110 300 4 0
	151 – 204	1 88 3 200 300 4 0
L_D (max. design length) [mm]: 110		

Curaflex® C

PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)



DOYMA GRIP DPS Leakage test G 30661 iro Oldenburg Helium test 18-11-2008 INFRASERV Sound protection 2075/5673-DK-br IBMB FHRK QUALITY RADON TIGHT IAF GmbH 25 years guarantee

PRODUCT ADVANTAGES

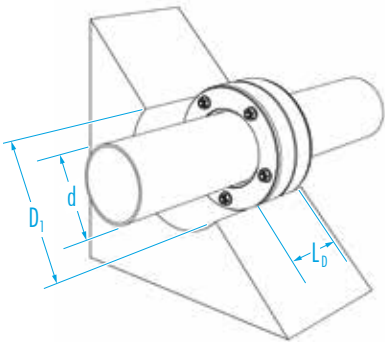
- Large sealing areas
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DPS and DOYMA-Grip
- System component, without cuts or divisions, with water-tight welded bolts

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-2) - FHRK 57 LD10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Twin sealing

THE GASKET INSERT CONSISTS OF:

- **Frame rings:** asymmetrically profiled steel rings (DPS to KB/DN 350), GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571/1.4404 (V4A)
- **Rubber seal:** elastomer, 2 × 27 mm thick EPDM seals (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)
- 3 mm thick orange centre ring (up to KB/DN 350)



ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section

Curaflex® C

Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of pipe / cable d [mm]	GGV Article number	V2A Article number	V4A Article number
50 (49 – 53)	7 – 12	1 03 0 012 050 0 0	1 03 0 012 050 2 0	1 03 0 012 050 4 0
	13 – 18	1 03 0 015 050 0 0	1 03 0 015 050 2 0	1 03 0 015 050 4 0
	19 – 24	1 03 0 020 050 0 0	1 03 0 020 050 2 0	1 03 0 020 050 4 0
80 (79 – 83)	7 – 13	1 03 0 012 080 0 0	1 03 0 012 080 2 0	1 03 0 012 080 4 0
	14 – 21	1 03 0 020 080 0 0	1 03 0 020 080 2 0	1 03 0 020 080 4 0
	22 – 28	1 03 0 025 080 0 0	1 03 0 025 080 2 0	1 03 0 025 080 4 0
	29 – 35	1 03 0 032 080 0 0	1 03 0 032 080 2 0	1 03 0 032 080 4 0
	36 – 40	1 03 0 040 080 0 0	1 03 0 040 080 2 0	1 03 0 040 080 4 0
100 (99 – 104)	41 – 45	1 03 0 042 100 0 0	1 03 0 042 100 2 0	1 03 0 042 100 4 0
	46 – 52	1 03 0 050 100 0 0	1 03 0 050 100 2 0	1 03 0 050 100 4 0
	53 – 57	1 03 0 056 100 0 0	1 03 0 056 100 2 0	1 03 0 056 100 4 0
125 (124 – 128)	58 – 67	1 03 0 063 125 0 0	1 03 0 063 125 2 0	1 03 0 063 125 4 0
	68 – 77	1 03 0 075 125 0 0	1 03 0 075 125 2 0	1 03 0 075 125 4 0
150 (149 – 153)	78 – 85	1 03 0 078 150 0 0	1 03 0 078 150 2 0	1 03 0 078 150 4 0
	86 – 94	1 03 0 090 150 0 0	1 03 0 090 150 2 0	1 03 0 090 150 4 0
	95 – 104	1 03 0 098 150 0 0	1 03 0 098 150 2 0	1 03 0 098 150 4 0
200 (199 – 204)	105 – 115	1 03 0 110 200 0 0	1 03 0 110 200 2 0	1 03 0 110 200 4 0
	116 – 124	1 03 0 118 200 0 0	1 03 0 118 200 2 0	1 03 0 118 200 4 0
	125 – 135	1 03 0 125 200 0 0	1 03 0 125 200 2 0	1 03 0 125 200 4 0
	136 – 145	1 03 0 140 200 0 0	1 03 0 140 200 2 0	1 03 0 140 200 4 0
250 (247 – 253)	146 – 156	1 03 0 148 250 0 0	1 03 0 148 250 2 0	1 03 0 148 250 4 0
	157 – 165	1 03 0 160 250 0 0	1 03 0 160 250 2 0	1 03 0 160 250 4 0
	166 – 172	1 03 0 170 250 0 0	1 03 0 170 250 2 0	1 03 0 170 250 4 0
	173 – 179	1 03 0 175 250 0 0	1 03 0 175 250 2 0	1 03 0 175 250 4 0
	180 – 186	1 03 0 180 250 0 0	1 03 0 180 250 2 0	1 03 0 180 250 4 0
	187 – 190	1 03 0 190 250 0 0	1 03 0 190 250 2 0	1 03 0 190 250 4 0
300 (297 – 304)	191 – 197	1 03 0 196 300 0 0	1 03 0 196 300 2 0	1 03 0 196 300 4 0
	198 – 207	1 03 0 200 300 0 0	1 03 0 200 300 2 0	1 03 0 200 300 4 0
	208 – 215	1 03 0 210 300 0 0	1 03 0 210 300 2 0	1 03 0 210 300 4 0
	216 – 224	1 03 0 222 300 0 0	1 03 0 222 300 2 0	1 03 0 222 300 4 0
	225 – 233	1 03 0 225 300 0 0	1 03 0 225 300 2 0	1 03 0 225 300 4 0
350 (347– 354)	234 – 240	1 03 0 240 350 0 0	1 03 0 240 350 2 0	1 03 0 240 350 4 0
	241 – 249	1 03 0 242 350 0 0	1 03 0 242 350 2 0	1 03 0 242 350 4 0
	250 – 259	1 03 0 250 350 0 0	1 03 0 250 350 2 0	1 03 0 250 350 4 0
	260 – 269	1 03 0 265 350 0 0	1 03 0 265 350 2 0	1 03 0 265 350 4 0
	270 – 278	1 03 0 273 350 0 0	1 03 0 273 350 2 0	1 03 0 273 350 4 0
	279 – 288	1 03 0 280 350 0 0	1 03 0 280 350 2 0	1 03 0 280 350 4 0
400 (397 – 404)	289 – 294	1 03 0 290 400 0 0	1 03 0 290 400 2 0	1 03 0 290 400 4 0
	295 – 300	1 03 0 296 400 0 0	1 03 0 296 400 2 0	1 03 0 296 400 4 0
	301 – 306	1 03 0 306 400 0 0	1 03 0 306 400 2 0	1 03 0 306 400 4 0
	307 – 311	1 03 0 310 400 0 0	1 03 0 310 400 2 0	1 03 0 310 400 4 0
	312 – 317	1 03 0 315 400 0 0	1 03 0 315 400 2 0	1 03 0 315 400 4 0
	318 – 322	1 03 0 320 400 0 0	1 03 0 320 400 2 0	1 03 0 320 400 4 0
	323 – 327	1 03 0 323 400 0 0	1 03 0 323 400 2 0	1 03 0 323 400 4 0
	328 – 333	1 03 0 328 400 0 0	1 03 0 328 400 2 0	1 03 0 328 400 4 0
	334 – 339	1 03 0 336 400 0 0	1 03 0 336 400 2 0	1 03 0 336 400 4 0
450 (447 – 454)	340 – 344	1 03 0 340 450 0 0	1 03 0 340 450 2 0	1 03 0 340 450 4 0
	345 – 350	1 03 0 350 450 0 0	1 03 0 350 450 2 0	1 03 0 350 450 4 0
	351 – 356	1 03 0 355 450 0 0	1 03 0 355 450 2 0	1 03 0 355 450 4 0
	357 – 362	1 03 0 362 450 0 0	1 03 0 362 450 2 0	1 03 0 362 450 4 0
	363 – 368	1 03 0 368 450 0 0	1 03 0 368 450 2 0	1 03 0 368 450 4 0
	369 – 370	1 03 0 370 450 0 0	1 03 0 370 450 2 0	1 03 0 370 450 4 0
	371 – 375	1 03 0 375 450 0 0	1 03 0 375 450 2 0	1 03 0 375 450 4 0
	376 – 380	1 03 0 380 450 0 0	1 03 0 380 450 2 0	1 03 0 380 450 4 0
500 (497 – 503)	381 – 386	1 03 0 386 500 0 0	1 03 0 386 500 2 0	1 03 0 386 500 4 0
	387 – 392	1 03 0 392 500 0 0	1 03 0 392 500 2 0	1 03 0 392 500 4 0
	393 – 397	1 03 0 397 500 0 0	1 03 0 397 500 2 0	1 03 0 397 500 4 0
	398 – 403	1 03 0 400 500 0 0	1 03 0 400 500 2 0	1 03 0 400 500 4 0
	404 – 409	1 03 0 406 500 0 0	1 03 0 406 500 2 0	1 03 0 406 500 4 0
	410 – 415	1 03 0 410 500 0 0	1 03 0 410 500 2 0	1 03 0 410 500 4 0
	416 – 420	1 03 0 420 500 0 0	1 03 0 420 500 2 0	1 03 0 420 500 4 0
	421 – 425	1 03 0 425 500 0 0	1 03 0 425 500 2 0	1 03 0 425 500 4 0
	426 – 430	1 03 0 429 500 0 0	1 03 0 429 500 2 0	1 03 0 429 500 4 0
		L_0 (max. design length) [mm]: 95		

Further material combinations and dimensions available upon request.

Curaflex® Quick In C

PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)
- Split version, for pipes that are already installed

DOYMA GRIP DPS FHRK QUALITY RADON TIGHT IAF GmbH 25 years guarantee

PRODUCT ADVANTAGES

- Large sealing areas
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DPS and DOYMA-Grip
- Water-tight welded bolts
- With quick release (up to DN 500) for safe and secure closure
- For retrofitting around existing pipe

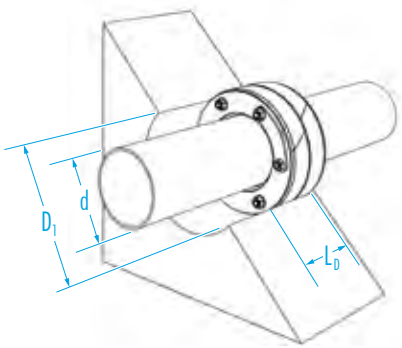
TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-2) - FHRK 57 LD10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Twin sealing

THE GASKET INSERT CONSISTS OF:

- **Split frame rings:** asymmetrically profiled steel rings (DPS to KB/DN 350), with quick release (up to DN 500), GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571/1.4404 (V4A)
- **Split rubber seal with step cut:** elastomer, 2 × 27 mm thick EPDM seals (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)
- 3 mm thick orange centre ring (up to KB/DN 350)

Curaflex® Quick In C DN > 600: split version with additional steel ring for stabilisation.



ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section

Curaflex® Quick In C

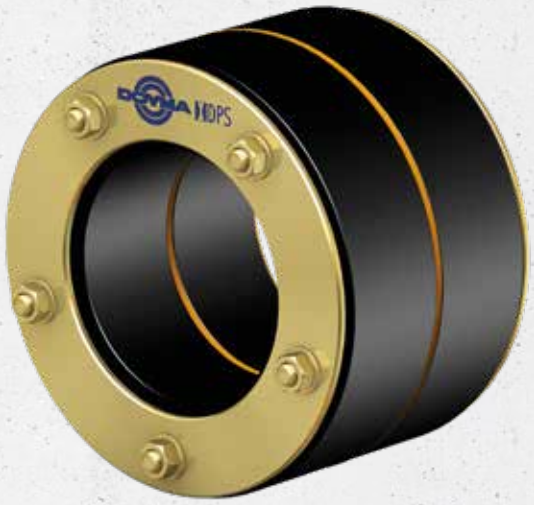
Inner diameter of pipe sleeve / core bore D_i [DN in mm]	Outer diameter of pipe / cable d [mm]	Article number
50 (49 – 53)	7 – 12	1 03 2 012 050 0 0
	13 – 18	1 03 2 015 050 0 0
	19 – 24	1 03 2 020 050 0 0
80 (79 – 83)	7 – 13	1 03 2 012 080 0 0
	14 – 21	1 03 2 020 080 0 0
	22 – 28	1 03 2 025 080 0 0
	29 – 35	1 03 2 032 080 0 0
	36 – 40	1 03 2 040 080 0 0
100 (99 – 104)	41 – 45	1 03 2 042 100 0 0
	46 – 52	1 03 2 050 100 0 0
	53 – 57	1 03 2 056 100 0 0
125 (124 – 128)	58 – 67	1 03 2 063 125 0 0
	68 – 77	1 03 2 075 125 0 0
150 (149 – 153)	78 – 85	1 03 2 078 150 0 0
	86 – 94	1 03 2 090 150 0 0
	95 – 104	1 03 2 098 150 0 0
200 (199 – 204)	105 – 115	1 03 2 110 200 0 0
	116 – 124	1 03 2 118 200 0 0
	125 – 135	1 03 2 125 200 0 0
	136 – 145	1 03 2 140 200 0 0
250 (247 – 253)	146 – 156	1 03 2 148 250 0 0
	157 – 165	1 03 2 160 250 0 0
	166 – 172	1 03 2 170 250 0 0
	173 – 179	1 03 2 175 250 0 0
	180 – 186	1 03 2 180 250 0 0
	187 – 190	1 03 2 190 250 0 0
300 (297 – 304)	191 – 197	1 03 2 196 300 0 0
	198 – 207	1 03 2 200 300 0 0
	208 – 215	1 03 2 210 300 0 0
	216 – 224	1 03 2 222 300 0 0
	225 – 233	1 03 2 225 300 0 0
350 (347 – 354)	234 – 240	1 03 2 240 350 0 0
	241 – 249	1 03 2 242 350 0 0
	250 – 259	1 03 2 250 350 0 0
	260 – 269	1 03 2 265 350 0 0
	270 – 278	1 03 2 273 350 0 0
	279 – 288	1 03 2 280 350 0 0
400 (397 – 404)	289 – 294	1 03 2 290 400 0 0
	295 – 300	1 03 2 296 400 0 0
	301 – 306	1 03 2 306 400 0 0
	307 – 311	1 03 2 310 400 0 0
	312 – 317	1 03 2 315 400 0 0
	318 – 322	1 03 2 320 400 0 0
	323 – 327	1 03 2 323 400 0 0
	328 – 333	1 03 2 328 400 0 0
	334 – 339	1 03 2 336 400 0 0
450 (447 – 454)	340 – 344	1 03 2 340 450 0 0
	345 – 350	1 03 2 350 450 0 0
	351 – 356	1 03 2 355 450 0 0
	357 – 362	1 03 2 362 450 0 0
	363 – 368	1 03 2 368 450 0 0
	369 – 370	1 03 2 370 450 0 0
	371 – 375	1 03 2 375 450 0 0
	376 – 380	1 03 2 380 450 0 0
500 (497 – 503)	381 – 386	1 03 2 386 500 0 0
	387 – 392	1 03 2 392 500 0 0
	393 – 397	1 03 2 397 500 0 0
	398 – 403	1 03 2 400 500 0 0
	404 – 409	1 03 2 406 500 0 0
	410 – 415	1 03 2 410 500 0 0
	416 – 420	1 03 2 420 500 0 0
	421 – 425	1 03 2 425 500 0 0
	426 – 430	1 03 2 429 500 0 0
L_D (max. design length) [mm]: 95		

Further material combinations and dimensions available upon request.

Curaflex® C 40

PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)
- Extra wide soft EPDM rubber, ideal for plastic jacket pipes



DPS FHRK QUALITY RADON TIGHT IAF GmbH 25 years guarantee

PRODUCT ADVANTAGES

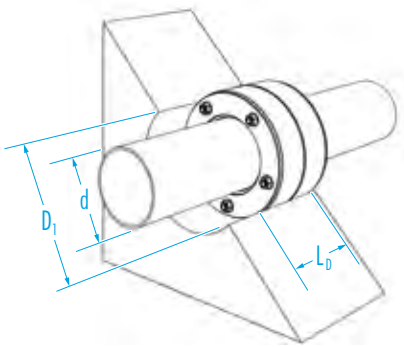
- Extra wide and soft EPDM rubber seals for especially gentle sealing on the media pipe
- Ideal for most plastic jacket pipes (district heating)
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DPS
- System component, without cuts or divisions, with water-tight welded bolts
- Can be used for twin/element walls

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-2) - FHRK 83 LD10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Twin sealing

THE GASKET INSERT CONSISTS OF:

- **Frame rings:** asymmetrically profiled steel rings (DPS to KB/DN 350), GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571/1.4404 (V4A)
- **Rubber seal:** elastomer, 2 × 40 mm thick EPDM seals
- 3 mm thick orange centre ring (up to KB/DN 350)



ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section

Curaflex® C 40

Inner diameter of pipe sleeve / core bore D_i [DN in mm]	Outer diameter of pipe / cable d [mm]	Article number
125 (124– 128)	58 – 67	1 03 4 063 125 0 0
	68 – 77	1 03 4 075 125 0 0
150 (149 – 153)	78 – 85	1 03 4 078 150 0 0
	86 – 94	1 03 4 090 150 0 0
	95 – 104	1 03 4 098 150 0 0
200 (199 – 204)	105 – 115	1 03 4 110 200 0 0
	116 – 124	1 03 4 118 200 0 0
	125 – 135	1 03 4 125 200 0 0
	136 – 145	1 03 4 140 200 0 0
250 (247 – 253)	146 – 156	1 03 4 148 250 0 0
	157 – 165	1 03 4 160 250 0 0
	166 – 172	1 03 4 170 250 0 0
	173 – 179	1 03 4 175 250 0 0
	180 – 186	1 03 4 180 250 0 0
	187 – 190	1 03 4 190 250 0 0
300 (297 – 304)	191 – 197	1 03 4 196 300 0 0
	198 – 207	1 03 4 200 300 0 0
	208 – 215	1 03 4 210 300 0 0
	216 – 224	1 03 4 222 300 0 0
	225 – 233	1 03 4 225 300 0 0
350 (347 – 354)	234 – 240	1 03 4 240 350 0 0
	241 – 249	1 03 4 242 350 0 0
	250 – 259	1 03 4 250 350 0 0
	260 – 269	1 03 4 265 350 0 0
	270 – 278	1 03 4 273 350 0 0
	279 – 288	1 03 4 280 350 0 0
400 (397 – 404)	289 – 339	–
450 (447 – 454)	340 – 380	–
500 (497 – 503)	381 – 430	–
L_0 (max. design length) [mm]: 120		

Further material combinations and dimensions available upon request.

Curaflex® C/M

PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)
- For multiple pipes

DOYMA GRIP · FHRK QUALITY · RADON TIGHT IAF GmbH · 25 years guarantee

PRODUCT ADVANTAGES

- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- System component, without cuts or divisions, with water-tight welded bolts

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-2) - FHRK 57 LD10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Twin sealing

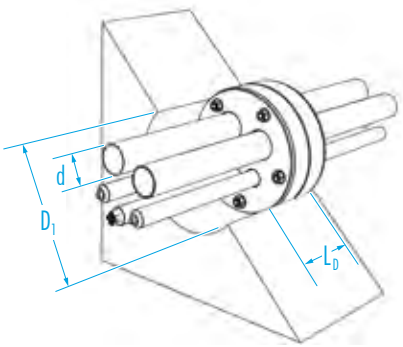
THE GASKET INSERT CONSISTS OF:

- **Frame rings:** steel rings, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571/1.4404 (V4A)
- **Rubber seal:** elastomer, 2 × 27 mm thick EPDM seals (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)
- 3 mm thick orange centre ring (up to KB/DN 350))

ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section



K-MT-1-903-01/2024

Curaflex® C/M

Outer diameter of pipe / cable* d [mm]	Number of pipes	Inner diameter of pipe sleeve / core bore D_1 [DN in mm]
5 – 14	1 – 2	50 (49 – 53)
5 – 26	1 – 2	80 (79 – 83)
5 – 23	1 – 3	
5 – 24	1 – 4	
5 – 16	1 – 7	
1 x 5 – 32 1 x 5 – 14	1 – 2	
4 x 5 – 28 1 x 5 – 12	1 – 5	100 (99– 104)
5 – 21	1 – 7	
5 – 37	1 – 2	
5 – 33	1 – 3	
1 x 5 – 46 1 x 5 – 16	1 – 2	
5 – 36	1 – 4	125 (124 – 128)
2 x 5 – 34 2 x 5 – 42	1 – 4	
5 – 28	1 – 7	
5 – 41	1 – 3	
2 x 23 – 51 2 x 8 – 36	1 – 4	150 (149 – 153)
2 x 30 – 58 2 x 13 – 41	1 – 4	
4 x 22 – 50 1 x 5 – 16	1 – 5	
5 – 20	1 – 13	
6 x 8 – 36 2 x 5 – 16	1 – 8	
43 – 71	1 – 3	200 (199 – 204)
5 x 23 – 51 1 x 5 – 31	1 – 6	
2 x 28 – 56 2 x 54 – 82	1 – 4	
40 – 69	1 – 4	
5 – 36	1 – 10	
5 – 26	1 – 15	
8 x 13 – 41 4 x 5 – 30	1 – 12	
5 – 26	1 – 20	250 (247 – 253)
12 – 40	1 – 8	
10 x 16 – 44 5 x 5 – 36	1 – 15	
	L_0 (max. design length) [mm] 90	

*The precise outer diameter and number of pipes must be specified in your order. No article numbers. Further dimensions available upon request.

Curaflex® C/M/T

PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)
- For multiple pipes
- Split version, for pipes that are already installed

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PRODUCT ADVANTAGES

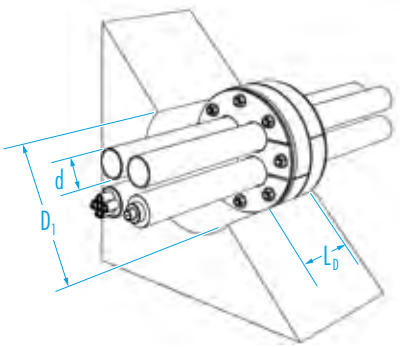
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- Water-tight welded bolts
- For retrofitting around existing pipes

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-2) - FHRK 57 LD10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Twin sealing
- Split version

THE GASKET INSERT CONSISTS OF:

- **Split frame rings:** steel rings, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571/1.4404 (V4A)
- **Split rubber seal:** elastomer, 2 × 27 mm thick EPDM seals (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)
- 3 mm thick orange centre ring (up to KB/DN 350))



ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section

Curaflex® C/M/T

Outer diameter of pipe / cable* d [mm]	Number of pipes	Inner diameter of pipe sleeve / core bore D_1 [DN in mm]
5 – 21	1 – 3	80 (79 – 83)
5 – 37	1 – 2	100 (99 – 104)
5 – 26	1 – 4	
1 x 18 – 36 / 2 x 8 – 16	1 – 3	
1 x 8 – 22 / 4 x 8 – 16	1 – 5	
5 – 32	1 – 4	125 (124 – 128)
25 – 41	1 – 3	
2 x 5 – 46 / 2 x 5 – 36	1 – 4	150 (149 – 153)
15 – 31	1 – 9	200 (199 – 204)
L_D (max. design length) [mm] 90		

*The precise outer diameter and number of pipes must be specified in your order.
No article numbers. Further material combinations and dimensions available upon request.

Curaflex® C/0

PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)
- Permanent plug seal

DOYMA GRIP | Leakage test G 30661 iro Oldenburg | Sound protection 2075/5673-DK-br IBMB | FHRK QUALITY | RADON TIGHT IAF GmbH | 25 years guarantee

PRODUCT ADVANTAGES

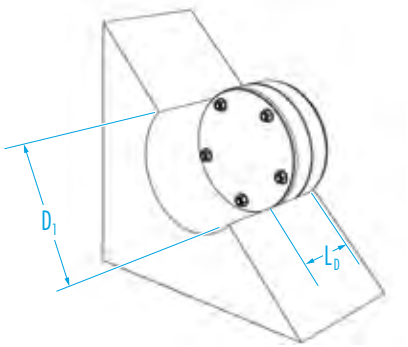
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- Water-tight welded bolts

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-2) - FHRK 57 D10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Twin 'plugged'-sealing

THE GASKET INSERT CONSISTS OF:

- **Frame rings:** steel rings, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571/1.4404 (V4A)
- **Rubber seal:** elastomer, 2 × 27 mm thick EPDM seals (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)
- 3 mm thick orange centre ring (up to KB/DN 350)



ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section

K-MT-1-903-01/2024

Curaflex® C/0

Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Article number
50 (49 – 53)	1 03 0 000 050 0 0
80 (79 – 83)	1 03 0 000 080 0 0
100 (99 – 104)	1 03 0 000 100 0 0
125 (124 – 128)	1 03 0 000 125 0 0
150 (149 – 153)	1 03 0 000 150 0 0
200 (199 – 204)	1 03 0 000 200 0 0
250 (247 – 253)	1 03 0 000 250 0 0
300 (297 – 304)	1 03 0 000 300 0 0
350 (347 – 354)	1 03 0 000 350 0 0
400 (397 – 404)	1 03 0 000 400 0 0
450 (447 – 454)	1 03 0 000 450 0 0
500 (497 – 503)	1 03 0 000 500 0 0

L_0 (max. design length) [mm]: 90

Further material combinations and dimensions available upon request.

Curaflex® C/S

PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)
- For openings that are too large or too small
- With custom dimensions

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PRODUCT ADVANTAGES

- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- System component, without cuts or divisions, with watertight welded bolts
- Produced in accordance with specifications

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-2) - FHRK 57 LD10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Twin sealing

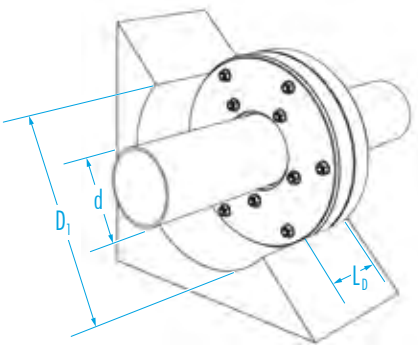
THE GASKET INSERT CONSISTS OF:

- **Frame rings:** steel rings, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571/1.4404 (V4A)
- **Rubber seal:** elastomer, 2 × 27 mm thick EPDM seals (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)
- 3 mm thick orange centre ring (up to KB/DN 350)

ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section



Curaflex® C/S

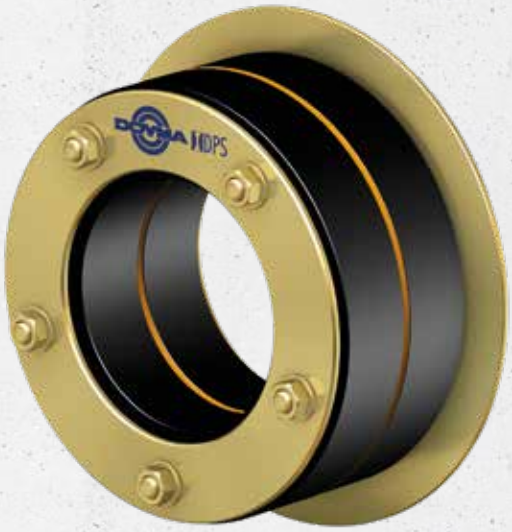
Inner diameter of pipe sleeve / core bore D_i [DN in mm]	Outer diameter of pipe / cable d [mm]	Article number
100 (99 – 104)	9 – 14	1 03 0 012 100 0 0
	15 – 21	1 03 0 020 100 0 0
	22 – 28	1 03 0 025 100 0 0
	29 – 35	1 03 0 032 100 0 0
	36 – 40	1 03 0 040 100 0 0
	58 – 65	1 03 0 063 100 0 0
125 (124 – 128)	40 – 48	1 03 0 040 125 0 0
	49 – 57	1 03 0 050 125 0 0
130 (129– 133)	58 – 67	1 03 0 063 130 0 0
	68 – 77	1 03 0 075 130 0 0
150 (149– 153)	57 – 62	1 03 0 060 150 0 0
	63 – 70	1 03 0 063 150 0 0
	71 – 77	1 03 0 075 150 0 0
	108 – 115	1 03 0 110 150 0 0
160 (159– 163)	78 – 85	1 03 0 078 160 0 0
	86 – 94	1 03 0 090 160 0 0
	95 – 104	1 03 0 098 160 0 0
200 (199 – 204)	78 – 86	1 03 0 078 200 0 0
	87 – 95	1 03 0 090 200 0 0
	96 – 104	1 03 0 098 200 0 0
250 (247 – 253)	105 – 114	1 03 0 110 250 0 0
	115 – 121	1 03 0 118 250 0 0
	122 – 129	1 03 0 125 250 0 0
	130 – 136	1 03 0 135 250 0 0
	137 – 145	1 03 0 140 250 0 0
300 (297 – 304)	158 – 168	1 03 0 160 300 0 0
	169 – 179	1 03 0 170 300 0 0
	180 – 190	1 03 0 180 300 0 0
	L_D (max. design length) [mm]: 85	

Further material combinations and dimensions available upon request.

Curaflex® F

PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or waterproof concrete core bore (white tank)
- with additional large ring for axial mounting
- For high hydrostatic pressure



DOYMA GRIP · DPS · Leakage test G 30663 iro Oldenburg · FHRK QUALITY · RADON TIGHT IAF GmbH · 25 years guarantee

PRODUCT ADVANTAGES

- Large sealing areas
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DPS and DOYMA-Grip
- System component, without cuts or divisions, with water-tight welded bolts
- The large ring allows for secure mounting – including for high pressure
- Mounting from the non-pressure-facing side

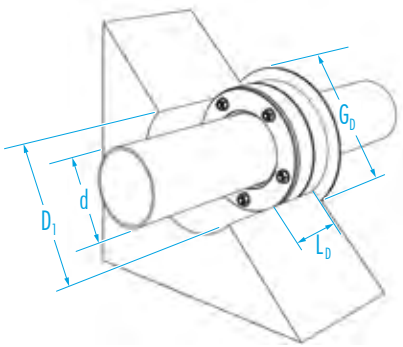
TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-2) - FHRK 57 LD10
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Twin sealing, with large ring

THE GASKET INSERT CONSISTS OF:

- **Frame rings:** asymmetrically profiled steel rings (DPS to KB/DN 350), GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571/1.4404 (V4A)
- **Rubber seal:** elastomer, 2 × 27 mm thick EPDM seals (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)
- 3 mm thick orange centre ring (up to KB/DN 350)

Variant: Curaflex® D – properties as described above, but with mounting from the pressure-facing side ('water side').



ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section

Curaflex® F

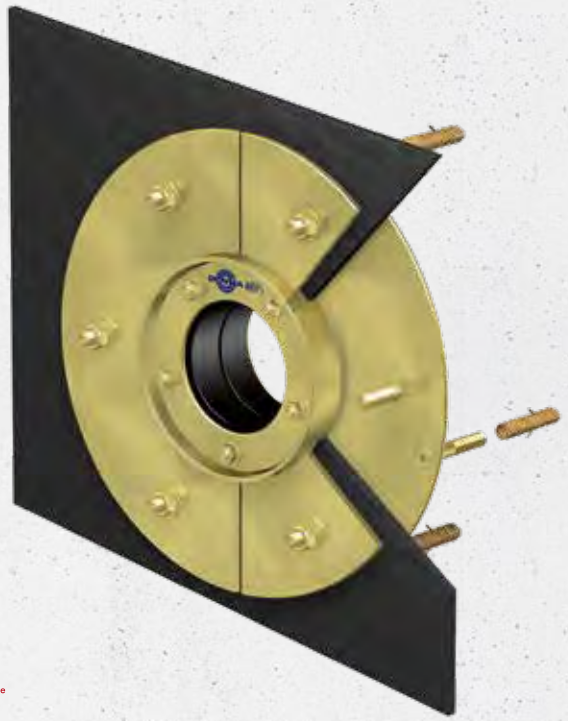
Outer diameter of pipe / cable d [mm]	Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of large ring G_D max. [mm]
7 – 24	50 (49 – 53)	70
7 – 40	80 (79 – 83)	98
41 – 57	100 (99 – 104)	120
58 – 77	125 (124 – 128)	145
78 – 104	150 (149 – 153)	170
105 – 145	200 (199 – 204)	240
146 – 190	250 (247 – 253)	290
191 – 233	300 (297 – 304)	340
234 – 288	350 (347 – 354)	390
289 – 339	400 (397 – 404)	440
340 – 380	450 (447 – 454)	490
381 – 430	500 (497 – 503)	550
431 – 530	600 (597 – 603)	650
531 – 620	700 (697 – 703)	750
L_D (max. design depth) [mm]: 95		

Further dimensions available upon request.

Curaflex® C/2/SD/6

PRESSING WATER

- Sealing of penetrations
- Use in on-site pipe sleeve or concrete core bore
- For use with tanking membranes or thick coating (black tank)
- With fixed and loose flange



DOYMA GRIP · DPS · Leakage test 22 1295 797-01 MPA NRW · Leakage test PB 5.1/17-206-1 MFPA Leipzig · FHRK QUALITY · RADON TIGHT IAF GmbH · 25 years guarantee

PRODUCT ADVANTAGES

- Large sealing areas
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DPS and DOYMA-Grip
- System component, without cuts or divisions, with water-tight welded bolts
- Integrated fixed and loose flange (loose flange split)

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-2) - FHRK 54 LD10
- With flanges in accordance with DIN 18195/DIN 18533
- Gas and water-tight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Mounting from the pressure-facing side
- Depending on the tanking membrane, installed with Curaflex® packings (1775) arranged on both sides where there is thin and hard film, or accessories where there is a thick coating (1776): sanding of the contact surfaces of the fixed/loose flange

ACCESSORIES (OPTIONAL)*

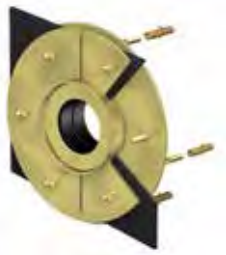
- Curaflex® packings (1775) for thin, hard films
- Accessories for thick coating
- Punch for thick coating

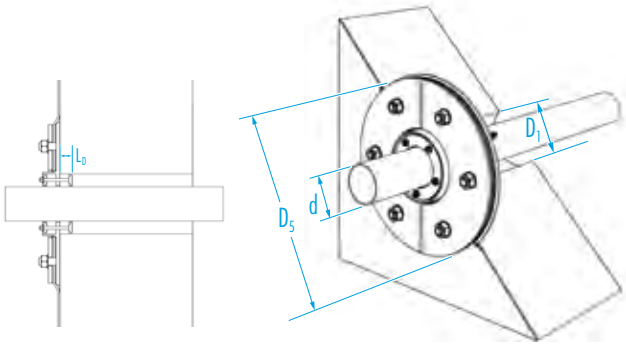
* see corresponding section

THE GASKET INSERT CONSISTS OF:

- **Frame rings:** asymmetrically profiled steel rings (DPS to KB/DN 350), GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571/1.4404 (V4A)
- With integrated fixed and loose flange
- **Rubber seal:** elastomer, 2 × 27 mm thick EPDM seals (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)

Variant: Curaflex® F/2/SD/6 – properties as described above, but with mounting from the non-pressure-facing side ('dry side').





Curaflex® C/2/SD/6

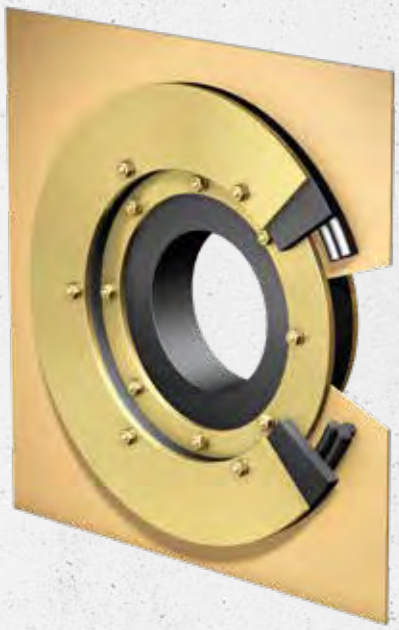
Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of pipe / cable d [mm]	Outer diameter of fixed flange D_5 max. [mm	GGV Article number	GGV / sanded for thick coating Article number	Accessories for plastic tanking membranes Article number
80 (79– 83)	7 – 13	420	1 03 6 012 080 0 0	1 03 6 012 080 5 0	1 99 6 775 080 2 0
	14 – 21		1 03 6 020 080 0 0	1 03 6 020 080 5 0	
	22 – 28		1 03 6 025 080 0 0	1 03 6 025 080 5 0	
	29 – 35		1 03 6 032 080 0 0	1 03 6 032 080 5 0	
	36 – 40		1 03 6 040 080 0 0	1 03 6 040 080 5 0	
100 (99 – 104)	41 – 45	440	1 03 6 042 100 0 0	1 03 6 042 100 5 0	1 99 6 775 100 2 0
	46 – 52		1 03 6 050 100 0 0	1 03 6 050 100 5 0	
	53 – 57		1 03 6 056 100 0 0	1 03 6 056 100 5 0	
125 (124 – 128)	58 – 67	465	1 03 6 063 125 0 0	1 03 6 063 125 5 0	1 99 6 775 125 2 0
	68 – 77		1 03 6 075 125 0 0	1 03 6 075 125 5 0	
150 (149 – 153)	78 – 85	490	1 03 6 078 150 0 0	1 03 6 078 150 5 0	1 99 6 775 150 2 0
	86 – 94		1 03 6 090 150 0 0	1 03 6 090 150 5 0	
	95 – 104		1 03 6 098 150 0 0	1 03 6 098 150 5 0	
200 (199 – 204)	105 – 115	540	1 03 6 110 200 0 0	1 03 6 110 200 5 0	1 99 6 775 200 2 0
	116 – 124		1 03 6 118 200 0 0	1 03 6 118 200 5 0	
	125 – 135		1 03 6 125 200 0 0	1 03 6 125 200 5 0	
	136 – 145		1 03 6 140 200 0 0	1 03 6 140 200 5 0	
250 (247 – 253)	146 – 156	590	1 03 6 148 250 0 0	1 03 6 148 250 5 0	1 99 6 775 250 2 0
	157 – 165		1 03 6 160 250 0 0	1 03 6 160 250 5 0	
	166 – 172		1 03 6 170 250 0 0	1 03 6 170 250 5 0	
	173 – 179		1 03 6 175 250 0 0	1 03 6 175 250 5 0	
	180 – 186		1 03 6 180 250 0 0	1 03 6 180 250 5 0	
	187 – 190		1 03 6 190 250 0 0	1 03 6 190 250 5 0	
300 (297 – 304)	191 – 197	640	1 03 6 196 300 0 0	1 03 6 196 300 5 0	1 99 6 775 300 2 0
	198 – 207		1 03 6 200 300 0 0	1 03 6 200 300 5 0	
	208 – 215		1 03 6 210 300 0 0	1 03 6 210 300 5 0	
	216 – 224		1 03 6 222 300 0 0	1 03 6 222 300 5 0	
	225 – 233		1 03 6 225 300 0 0	1 03 6 225 300 5 0	
350 (347 – 354)	234 – 240	690	1 03 6 240 350 0 0	1 03 6 240 350 5 0	1 99 6 775 350 2 0
	241 – 249		1 03 6 242 350 0 0	1 03 6 242 350 5 0	
	250 – 259		1 03 6 250 350 0 0	1 03 6 250 350 5 0	
	260 – 269		1 03 6 265 350 0 0	1 03 6 265 350 5 0	
	270 – 278		1 03 6 273 350 0 0	1 03 6 273 350 5 0	
	279 – 288		1 03 6 280 350 0 0	1 03 6 280 350 5 0	
400 (397 – 404)	289 – 294	740	1 03 6 290 400 0 0	1 03 6 290 400 5 0	1 99 6 775 400 2 0
	295 – 300		1 03 6 296 400 0 0	1 03 6 296 400 5 0	
	301 – 306		1 03 6 306 400 0 0	1 03 6 306 400 5 0	
	307 – 311		1 03 6 310 400 0 0	1 03 6 310 400 5 0	
	312 – 317		1 03 6 315 400 0 0	1 03 6 315 400 5 0	
	318 – 322		1 03 6 320 400 0 0	1 03 6 320 400 5 0	
	323 – 327		1 03 6 323 400 0 0	1 03 6 323 400 5 0	
	328 – 333		1 03 6 328 400 0 0	103 6 328 400 5 0	
	334 – 339		1 03 6 336 400 0 0	1 03 6 336 400 5 0	
450 (447 – 454)	340 – 344	790	1 03 6 340 450 0 0	1 03 6 340 450 5 0	1 99 6 775 450 2 0
	345 – 350		1 03 6 350 450 0 0	1 03 6 350 450 5 0	
	351 – 356		1 03 6 355 450 0 0	1 03 6 355 450 5 0	
	357 – 362		1 03 6 362 450 0 0	1 03 6 362 450 5 0	
	363 – 368		1 036 368 450 0 0	1 03 6 368 450 5 0	
	369 – 370		1 03 6 370 450 0 0	1 03 6 370 450 5 0	
	371 – 375		1 03 6 375 450 0 0	1 03 6 375 450 5 0	
	376 – 380		1 03 6 380 450 0 0	1 03 6 380 450 5 0	
500 (497 – 503)	381 – 386	840	1 03 6 386 500 0 0	1 03 6 386 500 5 0	1 99 6 775 500 2 0
	387 – 392		1 03 6 392 500 0 0	1 03 6 392 500 5 0	
	393 – 397		1 03 6 397 500 0 0	1 03 6 397 500 5 0	
	398 – 403		1 03 6 400 500 0 0	1 03 6 400 500 5 0	
	404 – 409		1 03 6 406 500 0 0	1 03 6 406 500 5 0	
	410 – 415		1 03 6 410 500 0 0	1 03 6 410 500 5 0	
	416 – 420		1 03 6 420 500 0 0	1 03 6 420 500 5 0	
	421 – 425		1 03 6 425 500 0 0	1 03 6 425 500 5 0	
	426 – 430		1 03 6 429 500 0 0	1 03 6 429 500 5 0	
L_9 (max. design depth) [mm]: 40 (for F/2/SD/6: 50 mm)					

Further material combinations and dimensions available upon request.

Curaflex® SD

NON-PRESSING WATER
PRESSING WATER

- Sealing of duct systems
- Installation in pre-installed pipe sleeve or concrete core bore
- For use with existing fresh concrete bonded waterproofing membrane
- With additional seal flange and butyl sealing tape



DOYMA GRIP

Leakage test PB 5.1/17-206-1 MFPA Leipzig

RADON TIGHT IAF GmbH

25 years guarantee

PRODUCT ADVANTAGES

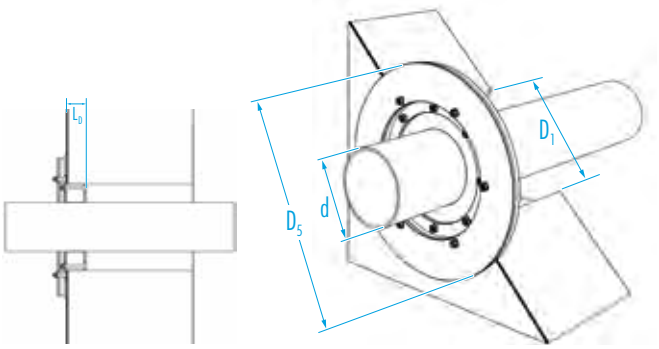
- Large sealing areas
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- System component, without cuts or divisions, with watertight welded bolts
- Integrated seal flange with butyl sealing tape to seal existing fresh concrete bonded waterproofing membrane

TECHNICAL DETAILS

- With seal flange in accordance with DIN 18533
- Gas and watertight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Mounting from the pressure-facing side
- Certified with fresh concrete bonded sheet membrane system SikaProof A®
- Certified with fresh concrete bonded sheet membrane system Preprufe®
- tested with fresh concrete composite system wolfseal FBV sealing membrane

THE GASKET INSERT CONSISTS OF:

- **Frame rings:** steel rings, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- With integrated seal flange including butyl sealing tape (type 1753)
- **Rubber seal:** elastomer, DN 80 to DN 300, 1 × 40 mm thick EPDM seals (DOYMA-Grip) and DN 350 to DN 600, optionally 2 × 40 mm thick EPDM seals, optional NBR (fuel/oil-resistant)



ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section

Curaflex® SD

Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of pipe / cable d [mm]	Outer diameter of fixed flange D5 max. [mm]	Article number
80 (79 – 83)	17 – 20	200	1 04 6 020 080 0 0
	21 – 24		1 04 6 022 080 0 0
	25 – 29		1 04 6 025 080 0 0
	30 – 35		1 04 6 032 080 0 0
	36 – 40		1 04 6 040 080 0 0
100 (99 – 104)	5 – 8	220	1 04 6 008 100 0 0
	9 – 12		1 04 6 012 100 0 0
	13 – 16		1 04 6 015 100 0 0
	17 – 20		1 04 6 020 100 0 0
	21 – 24		1 04 6 022 100 0 0
	25 – 29		1 04 6 025 100 0 0
	30 – 35		1 04 6 032 100 0 0
	40 – 45		1 04 6 040 100 0 0
	46 – 52		1 04 6 050 100 0 0
	53 – 57		1 04 6 056 100 0 0
	58 – 63		1 04 6 063 100 0 0
125 (124 – 128)	58 – 63	245	1 04 6 063 125 0 0
	64 – 68		1 04 6 065 125 0 0
	73 – 78		1 04 6 075 125 0 0
150 (149 – 153)	63 – 68	270	1 04 6 063 150 0 0
	73 – 78		1 04 6 075 150 0 0
	87 – 92		1 04 6 090 150 0 0
	98 – 104		1 04 6 098 150 0 0
	105 – 112		1 04 6 110 150 0 0
200 (199 – 203)	108 – 113	320	1 04 6 110 200 0 0
	114 – 118		1 04 6 118 200 0 0
	124 – 128		1 04 6 125 200 0 0
	132 – 135		1 04 6 135 200 0 0
	139 – 144		1 04 6 140 200 0 0
	145 – 150		1 04 6 148 200 0 0
	154 – 160		1 04 6 160 200 0 0
250 (249 – 253)	158 – 161	385	1 04 6 160 250 0 0
	162 – 163		1 04 6 163 250 0 0
	164 – 169		1 04 6 168 250 0 0
	170 – 174		1 04 6 170 250 0 0
	175 – 180		1 04 6 180 250 0 0
	185 – 189		1 04 6 187 250 0 0
	198 – 201		1 04 6 200 250 0 0
300 (299 – 303)	198 – 201	435	1 04 6 200 300 0 0
	209 – 212		1 04 6 210 300 0 0
	215 – 220		1 04 6 219 300 0 0
	221 – 225		1 04 6 225 300 0 0
350 (347 – 354)	241 – 249	490	1 04 6 242 350 0 0
	250 – 259		1 04 6 250 350 0 0
	270 – 278		1 04 6 273 350 0 0
	279 – 288		1 04 6 280 350 0 0
400 (397 – 404)	295 – 300	550	1 04 6 296 400 0 0
	312 – 317		1 04 6 315 400 0 0
	323 – 327		1 04 6 323 400 0 0
450 (447 – 454)	351 – 356	600	1 04 6 355 450 0 0
500 (497 – 503)	398 – 403	650	1 04 6 400 500 0 0
	404 – 409		1 04 6 406 500 0 0
	426 – 430		1 04 6 429 500 0 0
max. design length L_0 [mm] 50 (ab DN 350: 90)			

Further material combinations and dimensions available upon request.

Curaflex® A

NON-PRESSING WATER

- Sealing of duct systems
- Installation in pre-installed pipe sleeve or core bore in waterproof concrete (white tank)

DOYMA GRIP DPS

Leakage test G 30661 iro Oldenburg

Helium test 18-11-2008 INFRASERV

Sound protection 2075/5673-DK-br IBMB

FHRK QUALITY

RADON TIGHT IAF GmbH

25 years guarantee

PRODUCT ADVANTAGES

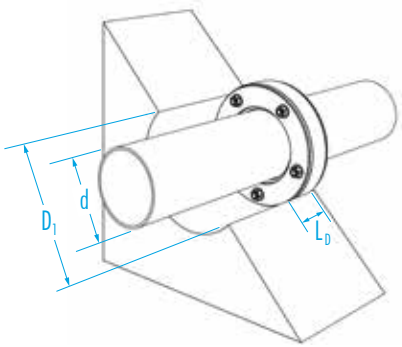
- Large sealing areas
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DPS and DOYMA-Grip
- System component, without cuts or divisions, with watertight welded bolts

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-1) – FHRK 27 D01
- Gas and watertight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Single sealing

THE GASKET INSERT CONSISTS OF:

- **Frame rings:** asymmetrically profiled steel rings (DPS to KB / DN 350), GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- **Rubber seal:** elastomer, 27 mm thick EPDM seal (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)



ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section

Curaflex® A

Inner diameter of pipe sleeve / core bore D1 [DN in mm]	Outer diameter of pipe/cable d [mm]	GGV Article number	V2A Article number	V4A Article number
50 (49 – 53)	7 – 12	1 01 0 012 050 0 0	1 01 0 012 050 2 0	1 01 0 012 050 4 0
	13 – 18	1 01 0 015 050 0 0	1 01 0 015 050 2 0	1 01 0 015 050 4 0
	19 – 24	1 01 0 020 050 0 0	1 01 0 020 050 2 0	1 01 0 020 050 4 0
80 (79 – 83)	7 – 13	1 01 0 012 080 0 0	1 01 0 012 080 2 0	1 01 0 012 080 4 0
	14 – 21	1 01 0 020 080 0 0	1 01 0 020 080 2 0	1 01 0 020 080 4 0
	22 – 28	1 01 0 025 080 0 0	1 01 0 025 080 2 0	1 01 0 025 080 4 0
	29 – 35	1 01 0 032 080 0 0	1 01 0 032 080 2 0	1 01 0 032 080 4 0
	36 – 40	1 01 0 040 080 0 0	1 01 0 040 080 2 0	1 01 0 040 080 4 0
100 (99 – 104)	41 – 45	1 01 0 042 100 0 0	1 01 0 042 100 2 0	1 01 0 042 100 4 0
	46 – 52	1 01 0 050 100 0 0	1 01 0 050 100 2 0	1 01 0 050 100 4 0
	53 – 57	1 01 0 056 100 0 0	1 01 0 056 100 2 0	1 01 0 056 100 4 0
125 (124 – 128)	58 – 67	1 01 0 063 125 0 0	1 01 0 063 125 2 0	1 01 0 063 125 4 0
	68 – 77	1 01 0 075 125 0 0	1 01 0 075 125 2 0	1 01 0 075 125 4 0
150 (149 – 153)	78 – 85	1 01 0 078 150 0 0	1 01 0 078 150 2 0	1 01 0 078 150 4 0
	86 – 94	1 01 0 090 150 0 0	1 01 0 090 150 2 0	1 01 0 090 150 4 0
	95 – 104	1 01 0 098 150 0 0	1 01 0 098 150 2 0	1 01 0 098 150 4 0
200 (199 – 204)	105 – 115	1 01 0 110 200 0 0	1 01 0 110 200 2 0	1 01 0 110 200 4 0
	116 – 124	1 01 0 118 200 0 0	1 01 0 118 200 2 0	1 01 0 118 200 4 0
	125 – 135	1 01 0 125 200 0 0	1 01 0 125 200 2 0	1 01 0 125 200 4 0
	136 – 145	1 01 0 140 200 0 0	1 01 0 140 200 2 0	1 01 0 140 200 4 0
250 (247 – 253)	146 – 156	1 01 0 148 250 0 0	1 01 0 148 250 2 0	1 01 0 148 250 4 0
	157 – 165	1 01 0 160 250 0 0	1 01 0 160 250 2 0	1 01 0 160 250 4 0
	166 – 172	1 01 0 170 250 0 0	1 01 0 170 250 2 0	1 01 0 170 250 4 0
	173 – 179	1 01 0 175 250 0 0	1 01 0 175 250 2 0	1 01 0 175 250 4 0
	180 – 186	1 01 0 180 250 0 0	1 01 0 180 250 2 0	1 01 0 180 250 4 0
	187 – 190	1 01 0 190 250 0 0	1 01 0 190 250 2 0	1 01 0 190 250 4 0
300 (297 – 304)	191 – 197	1 01 0 196 300 0 0	1 01 0 196 300 2 0	1 01 0 196 300 4 0
	198 – 207	1 01 0 200 300 0 0	1 01 0 200 300 2 0	1 01 0 200 300 4 0
	208 – 215	1 01 0 210 300 0 0	1 01 0 210 300 2 0	1 01 0 210 300 4 0
	216 – 224	1 01 0 222 300 0 0	1 01 0 222 300 2 0	1 01 0 222 300 4 0
	225 – 233	1 01 0 225 300 0 0	1 01 0 225 300 2 0	1 01 0 225 300 4 0
350 (347 – 354)	234 – 240	1 01 0 240 350 0 0	1 01 0 240 350 2 0	1 01 0 240 350 4 0
	241 – 249	1 01 0 242 350 0 0	1 01 0 242 350 2 0	1 01 0 242 350 4 0
	250 – 259	1 01 0 250 350 0 0	1 01 0 250 350 2 0	1 01 0 250 350 4 0
	260 – 269	1 01 0 265 350 0 0	1 01 0 265 350 2 0	1 01 0 265 350 4 0
	270 – 278	1 01 0 273 350 0 0	1 01 0 273 350 2 0	1 01 0 273 350 4 0
	279 – 288	1 01 0 280 350 0 0	1 01 0 280 350 2 0	1 01 0 280 350 4 0
400 (397 – 404)	289 – 294	1 01 0 290 400 0 0	1 01 0 290 400 2 0	1 01 0 290 400 4 0
	295 – 300	1 01 0 296 400 0 0	1 01 0 296 400 2 0	1 01 0 296 400 4 0
	301 – 306	1 01 0 306 400 0 0	1 01 0 306 400 2 0	1 01 0 306 400 4 0
	307 – 311	1 01 0 310 400 0 0	1 01 0 310 400 2 0	1 01 0 310 400 4 0
	312 – 317	1 01 0 315 400 0 0	1 01 0 315 400 2 0	1 01 0 315 400 4 0
	318 – 322	1 01 0 320 400 0 0	1 01 0 320 400 2 0	1 01 0 320 400 4 0
	323 – 327	1 01 0 323 400 0 0	1 01 0 323 400 2 0	1 01 0 323 400 4 0
	328 – 333	1 01 0 328 400 0 0	1 01 0 328 400 2 0	1 01 0 328 400 4 0
	334 – 339	1 01 0 336 400 0 0	1 01 0 336 400 2 0	1 01 0 336 400 4 0
450 (447 – 454)	340 – 344	1 01 0 340 450 0 0	1 01 0 340 450 2 0	1 01 0 340 450 4 0
	345 – 350	1 01 0 350 450 0 0	1 01 0 350 450 2 0	1 01 0 350 450 4 0
	351 – 356	1 01 0 355 450 0 0	1 01 0 355 450 2 0	1 01 0 355 450 4 0
	357 – 362	1 01 0 362 450 0 0	1 01 0 362 450 2 0	1 01 0 362 450 4 0
	363 – 368	1 01 0 368 450 0 0	1 01 0 368 450 2 0	1 01 0 368 450 4 0
	369 – 370	1 01 0 370 450 0 0	1 01 0 370 450 2 0	1 01 0 370 450 4 0
	371 – 375	1 01 0 375 450 0 0	1 01 0 375 450 2 0	1 01 0 375 450 4 0
	376 – 380	1 01 0 380 450 0 0	1 01 0 380 450 2 0	1 01 0 380 450 4 0
500 (497 – 503)	381 – 386	1 01 0 386 500 0 0	1 01 0 386 500 2 0	1 01 0 386 500 4 0
	387 – 392	1 01 0 392 500 0 0	1 01 0 392 500 2 0	1 01 0 392 500 4 0
	393 – 397	1 01 0 397 500 0 0	1 01 0 397 500 2 0	1 01 0 397 500 4 0
	398 – 403	1 01 0 400 500 0 0	1 01 0 400 500 2 0	1 01 0 400 500 4 0
	404 – 409	1 01 0 406 500 0 0	1 01 0 406 500 2 0	1 01 0 406 500 4 0
	410 – 415	1 01 0 410 500 0 0	1 01 0 410 500 2 0	1 01 0 410 500 4 0
	416 – 420	1 01 0 420 500 0 0	1 01 0 420 500 2 0	1 01 0 420 500 4 0
	421 – 425	1 01 0 425 500 0 0	1 01 0 425 500 2 0	1 01 0 425 500 4 0
	426 – 430	1 01 0 429 500 0 0	1 01 0 429 500 2 0	1 01 0 429 500 4 0
L_g (max. design length) [mm]: 60				

Further dimensions available upon request.

Curaflex® Quick In A

NON-PRESSING WATER

- Sealing of duct systems
- Installation in pre-installed pipe sleeve or core bore in waterproof concrete (white tank)
- Split version, for pipes and cables that are already installed

DOYMA GRIP DPS FHRK QUALITY RADON TIGHT IAF GmbH 25 years guarantee

PRODUCT ADVANTAGES

- Large sealing areas
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DPS and DOYMA-Grip
- Watertight welded bolts
- With quick release (up to DN 500) for safe and secure closure
- For retrofitting around existing pipes and cables
- Can be used for twin/element walls

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-1) – FHRK 27 D01
- Gas and watertight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Single sealing

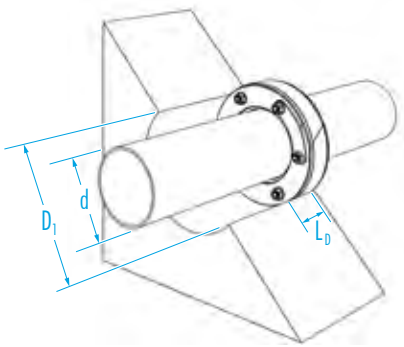
THE GASKET INSERT CONSISTS OF:

- **Split frame rings:** asymmetrically profiled steel rings (DPS to KB / DN 350), with quick release (up to DN 500), GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- **Split rubber seal with step cut:** elastomer, 27 mm thick EPDM seals (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)

ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section



Curaflex® Quick In A

Inner diameter of pipe sleeve / core bore D_i [DN in mm]	Outer diameter of pipe / cable d [mm]	Article number
50 (49 – 53)	7 – 12	1 01 2 012 050 0 0
	13 – 18	1 01 2 015 050 0 0
	19 – 24	1 01 2 020 050 0 0
80 (79 – 83)	7 – 13	1 01 2 012 080 0 0
	14 – 21	1 01 2 020 080 0 0
	22 – 28	1 01 2 025 080 0 0
	29 – 35	1 01 2 032 080 0 0
	36 – 40	1 01 2 040 080 0 0
100 (99 – 104)	41 – 45	1 01 2 042 100 0 0
	46 – 52	1 01 2 050 100 0 0
	53 – 57	1 01 2 056 100 0 0
125 (124 – 128)	58 – 67	1 01 2 063 125 0 0
	68 – 77	1 01 2 075 125 0 0
150 (149 – 153)	78 – 85	1 01 2 078 150 0 0
	86 – 94	1 01 2 090 150 0 0
	95 – 104	1 01 2 098 150 0 0
200 (199 – 204)	105 – 115	1 01 2 110 200 0 0
	116 – 124	1 01 2 118 200 0 0
	125 – 135	1 01 2 125 200 0 0
	136 – 145	1 01 2 140 200 0 0
250 (247 – 253)	146 – 156	1 01 2 148 250 0 0
	157 – 165	1 01 2 160 250 0 0
	166 – 172	1 01 2 170 250 0 0
	173 – 179	1 01 2 175 250 0 0
	180 – 186	1 01 2 180 250 0 0
	187 – 190	1 01 2 190 250 0 0
300 (297 – 304)	191 – 197	1 01 2 196 300 0 0
	198 – 207	1 01 2 200 300 0 0
	208 – 215	1 01 2 210 300 0 0
	216 – 224	1 01 2 222 300 0 0
	225 – 233	1 01 2 225 300 0 0
350 (347 – 354)	234 – 240	1 01 2 240 350 0 0
	241 – 249	1 01 2 242 350 0 0
	250 – 259	1 01 2 250 350 0 0
	260 – 269	1 01 2 265 350 0 0
	270 – 278	1 01 2 273 350 0 0
	279 – 288	1 01 2 280 350 0 0
400 (397 – 404)	289 – 294	1 01 2 290 400 0 0
	295 – 300	1 01 2 296 400 0 0
	301 – 306	1 01 2 306 400 0 0
	307 – 311	1 01 2 310 400 0 0
	312 – 317	1 01 2 315 400 0 0
	318 – 322	1 01 2 320 400 0 0
	323 – 327	1 01 2 323 400 0 0
	328 – 333	1 01 2 328 400 0 0
	334 – 339	1 01 2 336 400 0 0
450 (447 – 454)	340 – 344	1 01 2 340 450 0 0
	345 – 350	1 01 2 350 450 0 0
	351 – 356	1 01 2 355 450 0 0
	357 – 362	1 01 2 362 450 0 0
	363 – 368	1 01 2 368 450 0 0
	369 – 370	1 01 2 370 450 0 0
	371 – 375	1 01 2 375 450 0 0
	376 – 380	1 01 2 380 450 0 0
500 (497 – 503)	381 – 386	1 01 2 386 500 0 0
	387 – 392	1 01 2 392 500 0 0
	393 – 397	1 01 2 397 500 0 0
	398 – 403	1 01 2 400 500 0 0
	404 – 409	1 01 2 406 500 0 0
	410 – 415	1 01 2 410 500 0 0
	416 – 420	1 01 2 420 500 0 0
	421 – 425	1 01 2 425 500 0 0
	426 – 430	1 01 2 429 500 0 0
L_0 (max. design length) [mm]: 60		

Further material combinations and dimensions available upon request.

Curaflex® A 40

NON-PRESSING WATER

- Sealing of duct systems
- Installation in pre-installed pipe sleeve or core bore in waterproof concrete (white tank)
- Extra wide soft EPDM rubber, ideal for plastic jacket pipes

DPS FHRK QUALITY RADON TIGHT IAF GmbH 25 years guarantee

PRODUCT ADVANTAGES

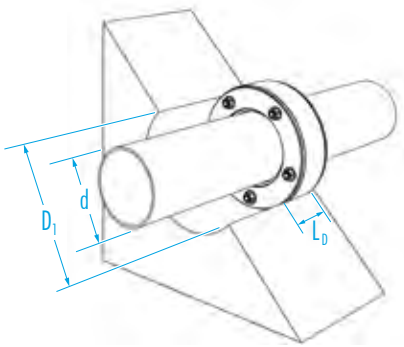
- Extra wide and soft EPDM rubber seal for especially gentle sealing on the media pipe
- Ideal for most plastic jacket pipes (district heating)
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DPS
- Can be used for twin/element walls
- System component, without cuts or divisions, with watertight welded bolts

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-1) – FHRK 40 D01
- Gas and watertight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Single sealing

THE GASKET INSERT CONSISTS OF:

- **Frame rings:** asymmetrically profiled steel rings (DPS to KB / DN 350), GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- **Rubber seal:** elastomer, 40 mm thick EPDM seal



ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section

Curaflex® A 40

Inner diameter of pipe sleeve / core bore D_i [DN in mm]	Outer diameter of pipe / cable d [mm]	Article number
125 (124 – 128)	58 – 67	1 01 4 063 125 0 0
	68 – 77	1 01 4 075 125 0 0
150 (149 – 153)	78 – 85	1 01 4 078 150 0 0
	86 – 94	1 01 4 090 150 0 0
	95 – 104	1 01 4 098 150 0 0
200 (199 – 204)	105 – 115	1 01 4 110 200 0 0
	116 – 124	1 01 4 118 200 0 0
	125 – 135	1 01 4 125 200 0 0
	136 – 145	1 01 4 140 200 0 0
250 (247 – 253)	146 – 156	1 01 4 148 250 0 0
	157 – 165	1 01 4 160 250 0 0
	166 – 172	1 01 4 170 250 0 0
	173 – 179	1 01 4 175 250 0 0
	180 – 186	1 01 4 180 250 0 0
	187 – 190	1 01 4 190 250 0 0
300 (297 – 304)	191 – 197	1 01 4 196 300 0 0
	198 – 207	1 01 4 200 300 0 0
	208 – 215	1 01 4 210 300 0 0
	216 – 224	1 01 4 222 300 0 0
	225 – 233	1 01 4 225 300 0 0
350 (347 – 354)	234 – 240	1 01 4 240 350 0 0
	241 – 249	1 01 4 242 350 0 0
	250 – 259	1 01 4 250 350 0 0
	260 – 269	1 01 4 265 350 0 0
	270 – 278	1 01 4 273 350 0 0
	279 – 288	1 01 4 280 350 0 0
400 (397 – 404)	289 – 339	–
450 (447 – 454)	340 – 380	–
500 (497 – 503)	381 – 430	–

L_0 (max. design length) [mm]: 70

Further material combinations and dimensions available upon request.

Curaflex® A/M

NON-PRESSING WATER

- Sealing of duct systems
- Installation in pre-installed pipe sleeve or core bore in waterproof concrete (white tank)
- For multiple pipes and cables

DOYMA GRIP · FHRK QUALITY · RADON TIGHT IAF GmbH · 25 years guarantee

PRODUCT ADVANTAGES

- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- System component, without cuts or divisions, with watertight welded bolts

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-1) – FHRK 27 D01
- Gas and watertight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Single sealing

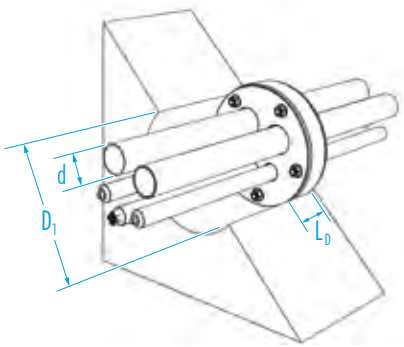
THE GASKET INSERT CONSISTS OF:

- **Frame rings:** steel rings, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- **Rubber seal:** elastomer, 27 mm thick EPDM seal (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)

ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section



Curaflex® A/M

Outer diameter of pipe / cable* d [mm]	Number of pipes and cables	Inner diameter of pipe sleeve / core bore D_1 [DN in mm]
5 – 14	1 – 2	50 (49 – 53)
5 – 26	1 – 2	80 (79 – 83)
5 – 23	1 – 3	
5 – 24	1 – 4	
5 – 16	1 – 7	
1 x 5 – 32 / 1 x 5 – 14	1 – 2	
4 x 5 – 28 / 1 x 5 – 12	1 – 5	100 (99 – 104)
5 – 21	1 – 7	
5 – 37	1 – 2	
5 – 33	1 – 3	
1 x 5 – 46 / 1 x 5 – 16	1 – 2	
5 – 36	1 – 4	125 (124 – 128)
2 x 5 – 34 / 2 x 5 – 42	1 – 4	
5 – 28	1 – 7	
5 – 41	1 – 3	
2 x 23 – 51 / 2 x 8 – 36	1 – 4	150 (149 – 153)
2 x 30 – 58 / 2 x 13 – 41	1 – 4	
4 x 22 – 50 / 1 x 5 – 16	1 – 5	
5 – 20	1 – 13	
6 x 8 – 36 / 2 x 5 – 16	1 – 8	
43 – 71	1 – 3	200 (199 – 204)
5 x 23 – 51 / 1 x 5 – 31	1 – 6	
2 x 28 – 56 / 2 x 54 – 82	1 – 4	
40 – 69	1 – 4	
5 – 36	1 – 10	
5 – 26	1 – 15	
8 x 13 – 41 / 4 x 5 – 30	1 – 12	
5 – 26	1 – 20	250 (247 – 253)
12 – 40	1 – 8	
10 x 16 – 44 / 5 x 5 – 36	1 – 15	
	L_D (max. design length) [mm] 55	

*The precise outer diameter and number of pipes and cables must be specified in your order. Further dimensions available upon request. No article numbers.

Curaflex® A/M/T

NON-PRESSING WATER

- Sealing of duct systems
- Installation in pre-installed pipe sleeve or core bore in waterproof concrete (white tank)
- For multiple pipes and cables
- Split version, for pipes and cables that are already installed

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PRODUCT ADVANTAGES

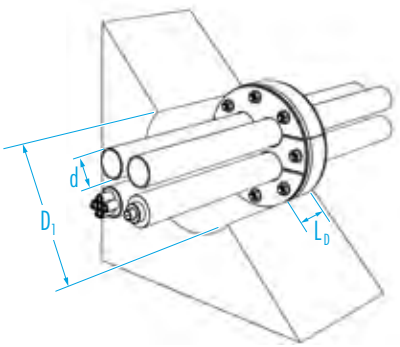
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- Watertight welded bolts
- For retrofitting around existing pipes and cables

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-1) – FHRK 27 D01
- Gas and watertight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Single sealing
- Split version

THE GASKET INSERT CONSISTS OF:

- **Split frame rings:** steel rings, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- **Split rubber seal:** elastomer, 27 mm thick EPDM seal (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)



ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section

Curaflex® A/M/T

Outer diameter of pipe / cable* d [mm]	Number of pipes and cables	Inner diameter of pipe sleeve / core bore D_1 [DN in mm]
5 – 21	1 – 3	80 (79 – 83)
5 – 37	1 – 2	100 (99 – 104)
5 – 26	1 – 4	
1 x 18 – 36 2 x 8 – 16	1 – 3	
1 x 8 – 22 4 x 8 – 16	1 – 5	
5 – 32	1 – 4	125 (124 – 128)
25 – 41	1 – 3	
2 x 5 – 46 2 x 5 – 36	1 – 4	150 (149 – 153)
15 – 31	1 – 9	200 (199 – 204)
L_D (max. design length): 65 mm		

*The precise outer diameter and number of pipes and cables must be specified in your order.
Further material combinations and dimensions available upon request. No article numbers.

Curaflex® A/0

NON-PRESSING WATER

- Sealing of duct systems
- Installation in pre-installed pipe sleeve or core bore in waterproof concrete (white tank)
- Permanent plug seal

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PRODUCT ADVANTAGES

- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- Watertight welded bolts

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-1) – FHRK 27 D01
- Gas and watertight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Single 'plugged' sealing

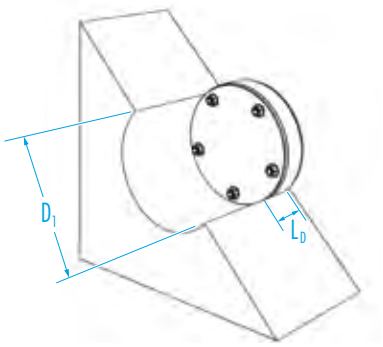
THE GASKET INSERT CONSISTS OF:

- **Frame rings:** steel rings, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- **Rubber seal:** elastomer, 27 mm thick EPDM seal (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)

ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section



Curaflex® A/0

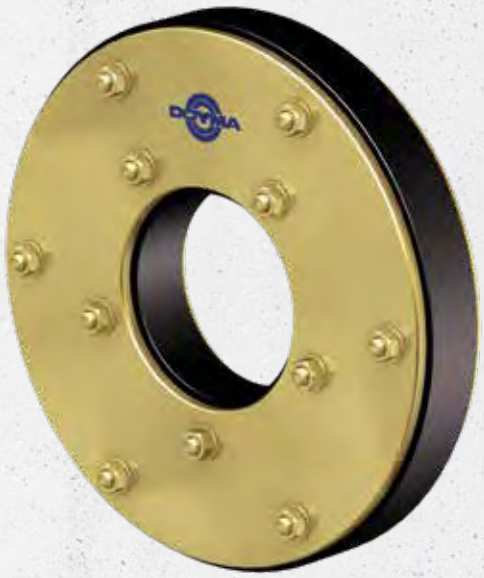
Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Article number
50 (49 – 53)	1 01 0 000 050 0 0
80 (79 – 83)	1 01 0 000 080 0 0
100 (99 – 104)	1 01 0 000 100 0 0
125 (124 – 128)	1 01 0 000 125 0 0
150 (149 – 153)	1 01 0 000 150 0 0
200 (199 – 204)	1 01 0 000 200 0 0
250 (247 – 253)	1 01 0 000 250 0 0
300 (297 – 304)	1 01 0 000 300 0 0
350 (347 – 354)	1 01 0 000 350 0 0
400 (397 – 404)	1 01 0 000 400 0 0
450 (447 – 454)	1 01 0 000 450 0 0
500 (497 – 503)	1 01 0 000 500 0 0
L_D (max. design length): 60 mm	

Further material combinations and dimensions available upon request.

Curaflex® A/S

NON-PRESSING WATER

- Sealing of duct systems
- Installation in pre-installed pipe sleeve or core bore in waterproof concrete (white tank)
- For openings that are too large or too small
- With custom dimensions



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PRODUCT ADVANTAGES

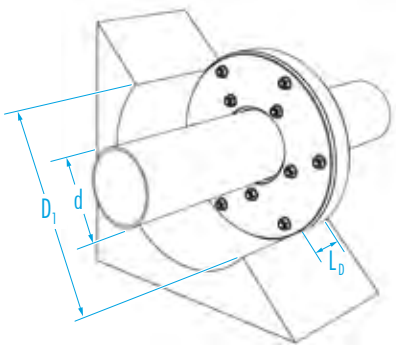
- Large sealing areas
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DOYMA-Grip
- System component, without cuts or divisions, with watertight welded bolts
- Produced in accordance with specifications

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-1) – FHRK 27 D01
- Gas and watertight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Single sealing

THE GASKET INSERT CONSISTS OF:

- **Frame rings:** steel rings, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- **Rubber seal:** elastomer, 27 mm thick EPDM seal (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)



ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section

Curaflex® A/S

Inner diameter of pipe sleeve / core bore D_i [DN in mm]	Outer diameter of pipe / cable d [mm]	Article number
100 (99 – 104)	9 – 14	1 01 0 012 100 0 0
	15 – 21	1 01 0 020 100 0 0
	22 – 28	1 01 0 025 100 0 0
	29 – 35	1 01 0 032 100 0 0
	36 – 40	1 01 0 040 100 0 0
	58 – 65	1 01 0 063 100 0 0
125 (124 – 128)	40 – 48	1 01 0 040 125 0 0
	49 – 57	1 01 0 050 125 0 0
130 (129 – 133)	58 – 67	1 01 0 063 130 0 0
	68 – 77	1 01 0 075 130 0 0
150 (149 – 153)	57 – 62	1 01 0 060 150 0 0
	63 – 70	1 01 0 063 150 0 0
	71 – 77	1 01 0 075 150 0 0
	108 – 115	1 01 0 110 150 0 0
160 (159 – 163)	78 – 85	1 01 0 078 160 0 0
	86 – 94	1 01 0 090 160 0 0
	95 – 104	1 01 0 098 160 0 0
200 (199 – 204)	78 – 86	1 01 0 078 200 0 0
	87 – 95	1 01 0 090 200 0 0
	96 – 104	1 01 0 098 200 0 0
250 (247 – 253)	105 – 114	1 01 0 110 250 0 0
	115 – 121	1 01 0 118 250 0 0
	122 – 129	1 01 0 125 250 0 0
	130 – 136	1 01 0 135 250 0 0
	137 – 145	1 01 0 140 250 0 0
300 (297 – 304)	158 – 168	1 01 0 160 300 0 0
	169 – 179	1 01 0 170 300 0 0
	180 – 190	1 01 0 180 300 0 0

L_D (max. design length): 55 mm

Further material combinations and dimensions available upon request.

Curaflex® B

NON-PRESSING WATER

- Sealing of duct systems
- Installation in pre-installed pipe sleeve or core bore in waterproof concrete (white tank)
- with additional large ring for axial mounting

DOYMA GRIP DPS FHRK QUALITY RADON TIGHT IAF GmbH 25 years guarantee

PRODUCT ADVANTAGES

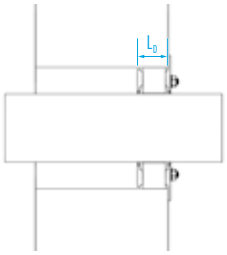
- Large sealing areas
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DPS and DOYMA-Grip
- System component, without cuts or divisions, with watertight welded bolts
- The large ring allows for secure mounting
- Mounting from the non-pressure facing mounting side

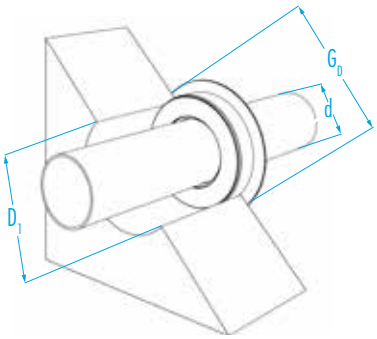
TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-1) – FHRK 27 D01
- Gas and watertight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Single sealing, with large ring

THE GASKET INSERT CONSISTS OF:

- **Frame rings:** asymmetrically profiled steel rings (DPS to KB / DN 350) with large ring, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- **Rubber seal:** elastomer, 27 mm thick EPDM seal (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)





ACCESSORIES (OPTIONAL)*

- Aquagard core bore sealant

* see corresponding section

Curaflex® B

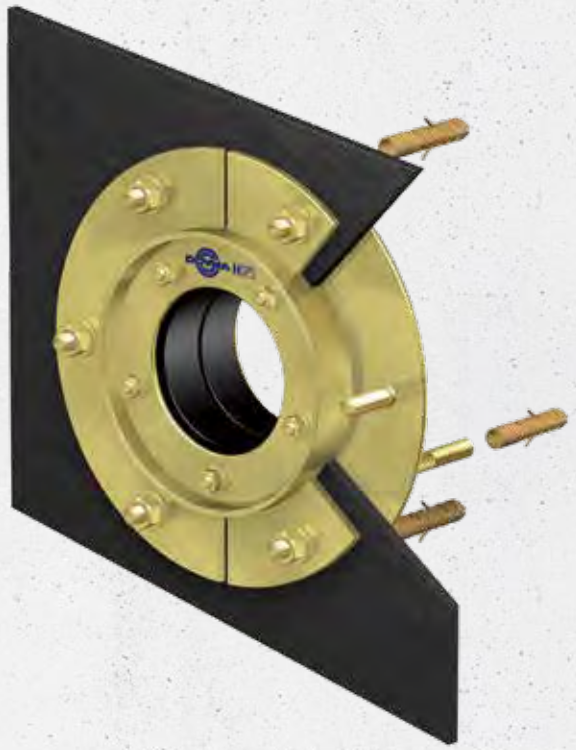
Outer diameter of pipe / cable d [mm]	Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of large ring G_D max. [mm]
7 – 24	50 (49 – 53)	70
7 – 40	80 (79 – 83)	98
41 – 57	100 (99 – 104)	120
58 – 77	125 (124 – 128)	145
78 – 104	150 (149 – 153)	170
105 – 145	200 (199 – 204)	240
146 – 190	250 (247 – 253)	290
191 – 233	300 (297 – 304)	340
234 – 288	350 (347 – 354)	390
289 – 339	400 (397 – 404)	440
340 – 380	450 (447 – 454)	490
381 – 430	500 (497 – 503)	550
431 – 530	600 (597 – 603)	650
531 – 620	700 (697 – 703)	750
	L_D (max. design depth) [mm]: 95	

Further dimensions available upon request.

Curaflex® C/2/SD/5

NON-PRESSING WATER

- Sealing of duct systems
- Installation in pre-installed pipe sleeve or concrete core bore
- For use with tanking membranes or thick coating (black tank)
- With fixed and loose flange



DOYMA GRIP · DPS · FHRK QUALITY · RADON TIGHT IAF GmbH · 25 years guarantee

PRODUCT ADVANTAGES

- Large sealing areas
- Permanently sealed – no need to re-tension later (maintenance-free)
- Greater sealing performance of the gasket insert thanks to DPS and DOYMA-Grip
- System component, without cuts or divisions, with watertight welded bolts
- Integrated fixed and loose flange (loose flange split)

TECHNICAL DETAILS

- Certified under FHRK test regulation GE 101 (no. G 30 322-2-1) – FHRK 54 D01
- With flanges in accordance with DIN 18533
- Gas and watertight
- Radon-tight – according to FHRK information sheet MB101 meets the requirements for radon precautionary areas
- Bending of medium pipes up to 8° is possible
- Can accommodate axial movements
- Mounting from the pressure-facing side
- Depending on the tanking membrane, installed with Curaflex® packings (1775) arranged on both sides where there is thin and hard film, or accessories where there is a thick coating (1776): sanding of the contact surfaces of the fixed/loose flange

ACCESSORIES (OPTIONAL)*

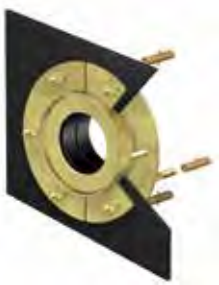
- Curaflex® packings (1775) for thin, hard films
- Accessories for thick coating
- Punch for thick coating

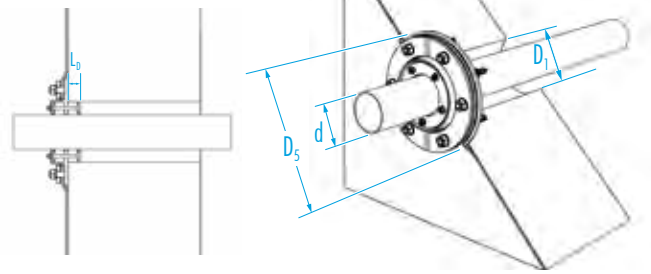
* see corresponding section

THE GASKET INSERT CONSISTS OF:

- **Frame rings:** asymmetrically profiled steel rings (DPS to KB / DN 350), GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- With integrated fixed and loose flange
- **Rubber seal:** elastomer, 2 × 27 mm thick EPDM seals (DOYMA-Grip), optional EPDM-TW, NBR (fuel/oil-resistant) or silicone (high temperature-resistant) or FPM (chemical-resistant)

Variant: Curaflex® F/2/SD/5 – properties as described above, gasket insert mounted from the 'dry side'





Curaflex® C/2/SD/5

Inner diameter of pipe sleeve / core bore D_1 [DN in mm]	Outer diameter of pipe/cable d [mm]	Outer diameter of fixed flange D_5 max. [mm]	GGV Article number	GGV / sanded for thick coating Article number	Accessories for plastic tanking membranes Article number
80 (79 – 83)	7 – 13	240	1 03 5 012 080 0 0	1 03 5 012 080 5 0	1 99 5 775 080 2 0
	14 – 21		1 03 5 020 080 0 0	1 03 5 020 080 5 0	
	22 – 28		1 03 5 025 080 0 0	1 03 5 025 080 5 0	
	29 – 35		1 03 5 032 080 0 0	1 03 5 032 080 5 0	
	36 – 40		1 03 5 040 080 0 0	1 03 5 040 080 5 0	
100 (99 – 104)	41 – 45	260	1 03 5 042 100 0 0	1 03 5 042 100 5 0	1 99 5 775 100 2 0
	46 – 52		1 03 5 050 100 0 0	1 03 5 050 100 5 0	
	53 – 57		1 03 5 056 100 0 0	1 03 5 056 100 5 0	
125 (124 – 128)	58 – 67	285	1 03 5 063 125 0 0	1 03 5 063 125 5 0	1 99 5 775 125 2 0
	68 – 77		1 03 5 075 125 0 0	1 03 5 075 125 5 0	
150 (149 – 153)	78 – 85	310	1 03 5 078 150 0 0	1 03 5 078 150 5 0	1 99 5 775 150 2 0
	86 – 94		1 03 5 090 150 0 0	1 03 5 090 150 5 0	
	95 – 104		1 03 5 098 150 0 0	1 03 5 098 150 5 0	
200 (199 – 204)	105 – 115	360	1 03 5 110 200 0 0	1 03 5 110 200 5 0	1 99 5 775 200 2 0
	116 – 124		1 03 5 118 200 0 0	1 03 5 118 200 5 0	
	125 – 135		1 03 5 125 200 0 0	1 03 5 125 200 5 0	
	136 – 145		1 03 5 140 200 0 0	1 03 5 140 200 5 0	
250 (247 – 253)	146 – 156	410	1 03 5 148 250 0 0	1 03 5 148 250 5 0	1 99 5 775 250 2 0
	157 – 165		1 03 5 160 250 0 0	1 03 5 160 250 5 0	
	166 – 172		1 03 5 170 250 0 0	1 03 5 170 250 5 0	
	173 – 179		1 03 5 175 250 0 0	1 03 5 175 250 5 0	
	180 – 186		1 03 5 180 250 0 0	1 03 5 180 250 5 0	
	187 – 190		1 03 5 190 250 0 0	1 03 5 190 250 5 0	
300 (297 – 304)	191 – 197	460	1 03 5 196 300 0 0	1 03 5 196 300 5 0	1 99 5 775 300 2 0
	198 – 207		1 03 5 200 300 0 0	1 03 5 200 300 5 0	
	208 – 215		1 03 5 210 300 0 0	1 03 5 210 300 5 0	
	216 – 224		1 03 5 222 300 0 0	1 03 5 222 300 5 0	
	225 – 233		1 03 5 225 300 0 0	1 03 5 225 300 5 0	
350 (347 – 354)	234 – 240	510	1 03 5 240 350 0 0	1 03 5 240 350 5 0	1 99 5 775 350 2 0
	241 – 249		1 03 5 242 350 0 0	1 03 5 242 350 5 0	
	250 – 259		1 03 5 250 350 0 0	1 03 5 250 350 5 0	
	260 – 269		1 03 5 265 350 0 0	1 03 5 265 350 5 0	
	270 – 278		1 03 5 273 350 0 0	1 03 5 273 350 5 0	
	279 – 288		1 03 5 280 350 0 0	1 03 5 280 350 5 0	
400 (397 – 404)	289 – 294	560	1 03 5 290 400 0 0	1 03 5 290 400 5 0	1 99 5 775 400 2 0
	295 – 300		1 03 5 296 400 0 0	1 03 5 296 400 5 0	
	301 – 306		1 03 5 306 400 0 0	1 03 5 306 400 5 0	
	307 – 311		1 03 5 310 400 0 0	1 03 5 310 400 5 0	
	312 – 317		1 03 5 315 400 0 0	1 03 5 315 400 5 0	
	318 – 322		1 03 5 320 400 0 0	1 03 5 320 400 5 0	
	323 – 327		1 03 5 323 400 0 0	1 03 5 323 400 5 0	
	328 – 333		1 03 5 328 400 0 0	1 03 5 328 400 5 0	
	334 – 339		1 03 5 336 400 0 0	1 03 5 336 400 5 0	
450 (447 – 454)	340 – 344	610	1 03 5 340 450 0 0	1 03 5 340 450 5 0	1 99 5 775 450 2 0
	345 – 350		1 03 5 350 450 0 0	1 03 5 350 450 5 0	
	351 – 356		1 03 5 355 450 0 0	1 03 5 355 450 5 0	
	357 – 362		1 03 5 362 450 0 0	1 03 5 362 450 5 0	
	363 – 368		1 03 5 368 450 0 0	1 03 5 368 450 5 0	
	369 – 370		1 03 5 370 450 0 0	1 03 5 370 450 5 0	
	371 – 375		1 03 5 375 450 0 0	1 03 5 375 450 5 0	
	376 – 380		1 03 5 380 450 0 0	1 03 5 380 450 5 0	
500 (497 – 503)	381 – 386	660	1 03 5 386 500 0 0	1 03 5 386 500 5 0	1 99 5 775 500 2 0
	387 – 392		1 03 5 392 500 0 0	1 03 5 392 500 5 0	
	393 – 397		1 03 5 397 500 0 0	1 03 5 397 500 5 0	
	398 – 403		1 03 5 400 500 0 0	1 03 5 400 500 5 0	
	404 – 409		1 03 5 406 500 0 0	1 03 5 406 500 5 0	
	410 – 415		1 03 5 410 500 0 0	1 03 5 410 500 5 0	
	416 – 420		1 03 5 420 500 0 0	1 03 5 420 500 5 0	
	421 – 425		1 03 5 425 500 0 0	1 03 5 425 500 5 0	
	426 – 430		1 03 5 429 500 0 0	1 03 5 429 500 5 0	

L_b (max. design depth) [mm]: 40 (for F/2/SD/5: 50 mm)

Further material combinations and dimensions available upon request.

Curaflex® pipe sleeves
MADE OF STEEL

ADVANTAGES AT A GLANCE

- Optimally designed inner wall for holding the DOYMA sealing systems
- High static load capacity
- Optionally for use even without a suitable core bore or pipe sleeve
- Versions for flush mounting into the formwork
- Retrofitting possible with split versions

Curaflex® 9000 – steel pipe sleeve with middle flange

- Use in the wall
- For waterproof concrete structures (white tank)
- For high static load capacity

Curaflex® 8000/T – steel pipe sleeve with flange plate and sleeve

- Use in front of the wall
- For waterproof concrete structures (white tank)
- For thick coating (black tank)
- For pipes and cables that are already installed (renovation)

Curaflex Nova® KFR

NON-PRESSING WATER
PRESSING WATER

- Cut-out for duct systems
- For use in new constructions
- For waterproof concrete structures (white tank)
- For element walls
- For use with sealants applied in liquid form (black tank)
- With bonding flange according to DIN 18533

Leakage test G 30675-2 iro Oldenburg
FHRK QUALITY
RADON TIGHT IAF GmbH
25 years guarantee

PRODUCT BENEFITS

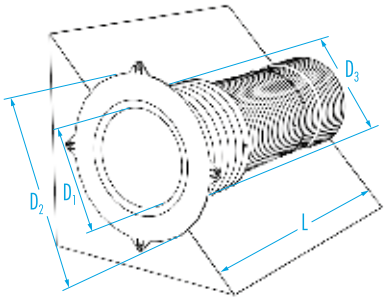
- Optimally designed inner wall for holding the DOYMA sealing systems and building services duct system
- For waterproof concrete structures (white tank)
- Suitable for element walls
- With bonding flange for on-site application of:
  - Thick coating (KMB/PMBC) for pressing water (W2.1-E)
  - Flexible polymer-modified thick coatings (FPMC) for pressing water up to 3 m water column (W2.1-E)
  - Mineral sealing slurry (MSS) or liquid plastic (LP) for non-pressing water (W1-E or W3-E)
  - Fresh concrete composite film (FCC)
- Length scale simplifies on-site length adjustment
- Can be extended on site with component thickness > 500 mm
- Low weight
- Fixing eyelets enable variable fixing in reinforcement

TECHNICAL DETAILS

- Gas- and watertight
- Certified in accordance with FHRK test standard GE 102
- Radon-proof according to FHRK leaflet MB 101; meets requirements for radon precautionary areas

MATERIAL:

- 100% recycled ABS
- PE sealing cover



K-MT-1-903-01/2024

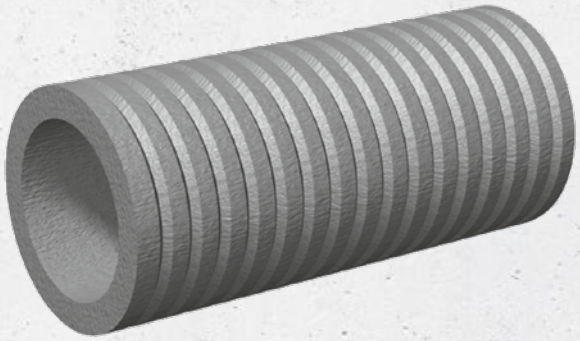
Curaflex Nova® KFR

Inner diameter of pipe sleeve D_1 [DN in mm]	Length L [mm]	Outer diameter of bonding flange D_2 [mm]	Outer diameter of pipe sleeve D_3 max. [mm]	Article number
100	300	205	138	1 10 0 100 300 0 9
100	500	205	138	1 10 0 100 500 0 9
150	300	255	188	1 10 0 150 300 0 9
150	500	255	188	1 10 0 150 500 0 9
200	300	305	238	1 10 0 200 300 0 9
200	500	305	238	1 10 0 200 500 0 9

Curaflex® 3000

NON-PRESSING WATER
PRESSING WATER

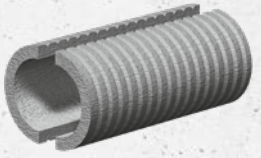
- Cut-out for duct systems
- Use in unfinished structures
- For waterproof concrete structures (white tank)



Leakage test 44 799 11 399783 TÜV Nord

FHRK QUALITY

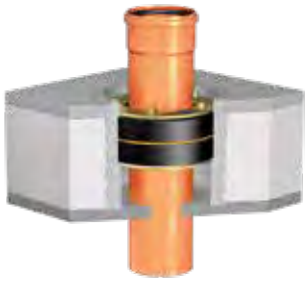
25 years guarantee



Variant: Curaflex® 3000/T pipe sleeve – properties as described above, but split lengthwise. For installation with an existing duct in the wall.

PRODUCT ADVANTAGES

- Homogeneous connection to the concrete, reinforced by the special grooving
- Coefficient of expansion of the material corresponds to that of concrete
- Optimally designed inner wall for holding the DOYMA sealing systems and building services duct system
- For a white tank (waterproof concrete structures without tanking membranes/thick coatings)



Variant: Curaflex® 3000 and Curaflex® C as bottom feed-through

TECHNICAL DETAILS

- Gas-tight against ground gas with membrane that comes into contact with the soil
- Radon proof – according to FHRK information sheet MB101
- Certified under FHRK test regulation GE 102 (no. G 30 322-2-9)

MATERIAL

- Special fibre cement

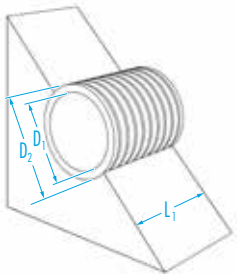
ACCESSORIES – ABSOLUTELY NECESSARY!*

- Concrete adhesive (1740) for Curaflex® 3000/T pipe sleeve (split pipe sleeve)

ACCESSORIES (OPTIONAL)*

- Formwork fastener (1701)
- Sealing plugs (1702)

* see accessories section



Curaflex® 3000

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter of pipe sleeve D_2 [DN in mm]	Length [mm]	Article number
80	≤ 140	200	1 30 0 080 200 0 0
		240	1 30 0 080 240 0 0
		250	1 30 0 080 250 0 0
		300	1 30 0 080 300 0 0
		350	1 30 0 080 350 0 0
		365	1 30 0 080 365 0 0
		400	1 30 0 080 400 0 0
		500	1 30 0 080 500 0 0
		1000	1 30 0 080 999 0 0
100	≤ 160	200	1 30 0 100 200 0 0
		240	1 30 0 100 240 0 0
		250	1 30 0 100 250 0 0
		300	1 30 0 100 300 0 0
		350	1 30 0 100 350 0 0
		365	1 30 0 100 365 0 0
		400	1 30 0 100 400 0 0
		500	1 30 0 100 500 0 0
		1000	1 30 0 100 999 0 0
125	≤ 165	200	1 30 0 125 200 0 0
		240	1 30 0 125 240 0 0
		250	1 30 0 125 250 0 0
		300	1 30 0 125 300 0 0
		350	1 30 0 125 350 0 0
		365	1 30 0 125 365 0 0
		400	1 30 0 125 400 0 0
		500	1 30 0 125 500 0 0
		1000	1 30 0 125 999 0 0
150	≤ 190	200	1 30 0 150 200 0 0
		240	1 30 0 150 240 0 0
		250	1 30 0 150 250 0 0
		300	1 30 0 150 300 0 0
		350	1 30 0 150 350 0 0
		365	1 30 0 150 365 0 0
		400	1 30 0 150 400 0 0
		500	1 30 0 150 500 0 0
		1000	1 30 0 150 999 0 0
200	≤ 245	200	1 30 0 200 200 0 0
		240	1 30 0 200 240 0 0
		250	1 30 0 200 250 0 0
		300	1 30 0 200 300 0 0
		350	1 30 0 200 350 0 0
		365	1 30 0 200 365 0 0
		400	1 30 0 200 400 0 0
		500	1 30 0 200 500 0 0
		1000	1 30 0 200 999 0 0
250	≤ 300	200	1 30 0 250 200 0 0
		240	1 30 0 250 240 0 0
		250	1 30 0 250 250 0 0
		300	1 30 0 250 300 0 0
		350	1 30 0 250 350 0 0
		365	1 30 0 250 365 0 0
		400	1 30 0 250 400 0 0
		500	1 30 0 250 500 0 0
		1000	1 30 0 250 999 0 0

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter of pipe sleeve D_2 [DN in mm]	Length [mm]	Article number
300	≤ 350	200	1 30 0 300 200 0 0
		240	1 30 0 300 240 0 0
		250	1 30 0 300 250 0 0
		300	1 30 0 300 300 0 0
		350	1 30 0 300 350 0 0
		365	1 30 0 300 365 0 0
		400	1 30 0 300 400 0 0
		500	1 30 0 300 500 0 0
		1000	1 30 0 300 999 0 0
350	≤ 400	200	1 30 0 350 200 0 0
		240	1 30 0 350 240 0 0
		250	1 30 0 350 250 0 0
		300	1 30 0 350 300 0 0
		350	1 30 0 350 350 0 0
		365	1 30 0 350 365 0 0
		400	1 30 0 350 400 0 0
		500	1 30 0 350 500 0 0
		1000	1 30 0 350 999 0 0
400	≤ 470	200	1 30 0 400 200 0 0
		240	1 30 0 400 240 0 0
		250	1 30 0 400 250 0 0
		300	1 30 0 400 300 0 0
		350	1 30 0 400 350 0 0
		365	1 30 0 400 365 0 0
		400	1 30 0 400 400 0 0
		500	1 30 0 400 500 0 0
		1000	1 30 0 400 999 0 0
450	≤ 520	200	1 30 0 450 200 0 0
		240	1 30 0 450 240 0 0
		250	1 30 0 450 250 0 0
		300	1 30 0 450 300 0 0
		350	1 30 0 450 350 0 0
		365	1 30 0 450 365 0 0
		400	1 30 0 450 400 0 0
		500	1 30 0 450 500 0 0
		1000	1 30 0 450 999 0 0
500	≤ 570	200	1 30 0 500 200 0 0
		240	1 30 0 500 240 0 0
		250	1 30 0 500 250 0 0
		300	1 30 0 500 300 0 0
		350	1 30 0 500 350 0 0
		365	1 30 0 500 365 0 0
		400	1 30 0 500 400 0 0
		500	1 30 0 500 500 0 0
		1000	1 30 0 500 999 0 0
600	≤ 680	200	1 30 0 600 200 0 0
		240	1 30 0 600 240 0 0
		250	1 30 0 600 250 0 0
		300	1 30 0 600 300 0 0
		350	1 30 0 600 350 0 0
		365	1 30 0 600 365 0 0
		400	1 30 0 600 400 0 0
		500	1 30 0 600 500 0 0
		1000	1 30 0 600 999 0 0

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter of pipe sleeve D_2 [DN in mm]	Length [mm]	Article number
700	≤ 800	200	1 30 0 700 200 0 0
		240	1 30 0 700 240 0 0
		250	1 30 0 700 250 0 0
		300	1 30 0 700 300 0 0
		350	1 30 0 700 350 0 0
		365	1 30 0 700 365 0 0
		400	1 30 0 700 400 0 0
		500	1 30 0 700 500 0 0
		1000	1 30 0 700 999 0 0
800	≤ 910	200	1 30 0 800 200 0 0
		240	1 30 0 800 240 0 0
		250	1 30 0 800 250 0 0
		300	1 30 0 800 300 0 0
		350	1 30 0 800 350 0 0
		365	1 30 0 800 365 0 0
		400	1 30 0 800 400 0 0
		500	1 30 0 800 500 0 0
		1000	1 30 0 800 999 0 0

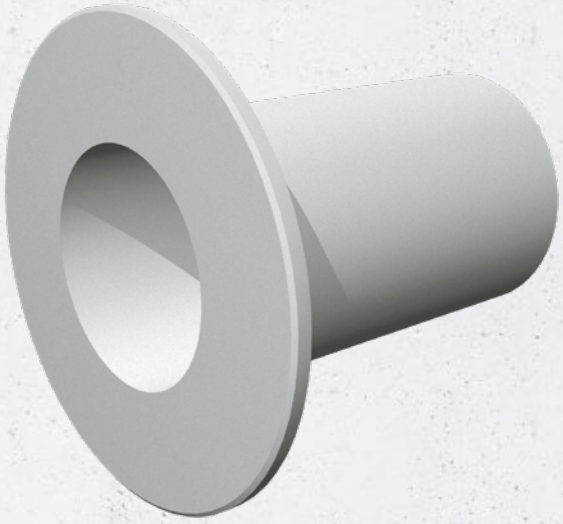
Costs for custom lengths

DN
80
100
125
150
200
250
300
350
400
450
500
600
700
800

Curaflex® 3001

NON-PRESSING WATER
PRESSING WATER

- Cut-out for duct systems
- Use in unfinished structures
- For use with sealants to be processed in liquid form (black tank)
- With bonding flange in accordance with DIN 18533



Leakage test 22 1618 296-01-3KA MPA NRW

FHRK QUALITY

25 years guarantee

PRODUCT ADVANTAGES

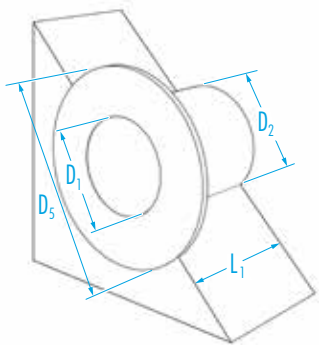
- Optimally designed inner wall for holding the DOYMA sealing systems and building services duct system
- Dimensionally stable and durable special fibre cement
- Coefficient of expansion of the material corresponds to that of concrete
- Homogeneous connection to the concrete
- Optimal connection through special fibre cement flange
- With bonding flange for the on-site application of a thick coating (KMB/PMBC) with pressing water (W2.1-E)
- With bonding flange for the on-site application of a mineral sealing slurry (MDS) or a liquid plastic (FLK) with non-pressing water (W1-E or W3-E)
- With bonding flange for the on-site bonding of a fresh concrete composite film (FBV)

TECHNICAL DETAILS

- Gas-tight against ground gas with membrane that comes into contact with the soil
- Radon proof – according to FHRK information sheet MB101
- Also available as a split version
- Certified under FHRK test regulation GE 102 (no. G 30 322-2-9)

MATERIAL

- Special fibre cement
- Special fibre cement fixed flange as bonding flange in accordance with DIN 18533
- Delivery includes fibre glass matting for KMB/PMBC



Curaflex® 3001

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter of pipe sleeve D_2 max. [mm]	Outer diameter of bonding flange D_5 max. [mm]	Article number
80	≤ 140	285	1 30 0 080 415 0 9
100	≤ 160	305	1 30 0 100 415 0 9
125	≤ 165	330	1 30 0 125 415 0 9
150	≤ 190	355	1 30 0 150 415 0 9
200	≤ 245	405	1 30 0 200 415 0 9
250	≤ 300	455	1 30 0 250 415 0 9
300	≤ 350	505	1 30 0 300 415 0 9

L_1: standard length of pipe sleeve: 415 mm

Other lengths available at additional cost.

Curaflex® 9000

NON-PRESSING WATER
PRESSING WATER

- Cut-out for duct systems
- Use in unfinished structures
- For waterproof concrete structures (white tank)
- For high static load capacity

FHRK QUALITY 25 years guarantee

PRODUCT ADVANTAGES

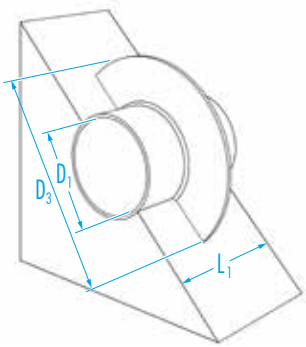
- Steel design, for high static load capacity
- Optimally designed inner wall for holding the DOYMA sealing systems and building services duct system
- For a white tank (waterproof concrete structures without tanking membranes/thick coatings)

TECHNICAL DETAILS

- Gas and watertight
- Radon proof – according to FHRK information sheet MB101
- 75 mm circumferential middle flange made of steel (can optionally be welded at any point)
- Middle flange can be used as a bonding or wall flange if necessary
- Certified under FHRK test regulation GE 102 (no. G 30 322-2-10)

MATERIAL

- Steel, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)



Curaflex® 9000

Inner diameter of pipe sleeve D_1 [DN in mm]	Diameter of middle flange D_3 max. [mm]	Standard lengths L_1 [mm]
80	240	200 240 250 300 350 365 400
100	260	
125	285	
150	310	
200	360	
250	410	
300	460	
350	510	
400	560	
450	610	
500	660	
600	760	
700	860	

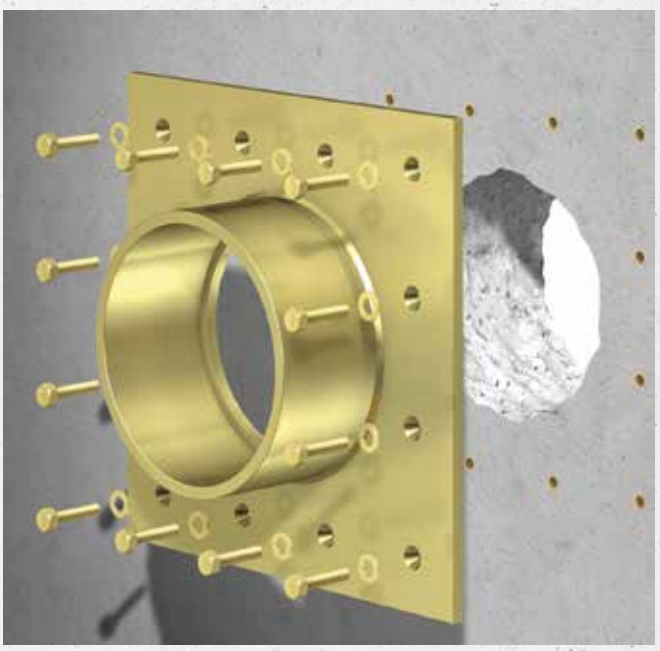
Further material combinations and dimensions available upon request.

Curaflex® 8000

NON-PRESSING WATER
PRESSING WATER

- Flange plate with sleeve for duct systems
- Use in front of the wall
- For waterproof concrete structures (white tank)
- Use with thick coating (black tank) in sanded design
- Ideal for renovations

25 years guarantee



PRODUCT ADVANTAGES

- Sealing in front of the wall (condition of the bore/wall opening not relevant)
- Suitable for duct systems without a suitable core bore or pipe sleeve
- Optimally designed inner wall for holding the DOYMA sealing systems

TECHNICAL DETAILS

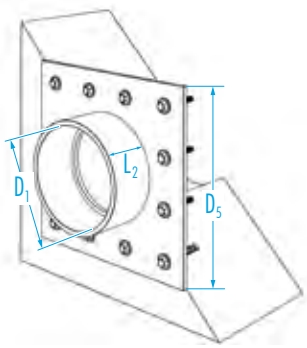
- For pipes and cables that are already installed (variant T)
- Gas and watertight
- Radon proof – according to FHRK information sheet MB101
- For buildings without tanking membranes (white tank) with pressing and non-pressing water
- For buildings with a thick coating still to be applied – contact surface of the 'bonding flange' additionally sanded in the case of non-pressing water

MATERIAL

- Steel, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- Contact surfaces sanded where a thick coating is yet to be applied; delivery includes fibre glass matting for KMB/PMBC
- Delivery includes fixing material for solid walls

Variant:
Curaflex® 8000/T pipe sleeve – split pipe sleeve. For installation with an existing duct.

Variant:
Curaflex® 8000/T pipe sleeve, sanded



ACCESSORIES – ABSOLUTELY NECESSARY!*

- Sealant, primer and adhesive cleaner for
- Curaflex® 8000
- Curaflex® 8000/T
- Curaflex® 8000/T, sanded

* see accessories section

Curaflex® 8000

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter / edge length of the fixed flange D_5 max. [mm]	GGV Article number	GGV/sanded for thick coating Article number
80	260	1 80 0 080 000 0 0	1 80 0 080 000 5 0
100	280	1 80 0 100 000 0 0	1 80 0 100 000 5 0
125	300	1 80 0 125 000 0 0	1 80 0 125 000 5 0
150	330	1 80 0 150 000 0 0	1 80 0 150 000 5 0
200	380	1 80 0 200 000 0 0	1 80 0 200 000 5 0
250	430	1 80 0 250 000 0 0	1 80 0 250 000 5 0
300	480	1 80 0 300 000 0 0	1 80 0 300 000 5 0
350	530	1 80 0 350 000 0 0	1 80 0 350 000 5 0
400	580	1 80 0 400 000 0 0	1 80 0 400 000 5 0
450	630	1 80 0 450 000 0 0	1 80 0 450 000 5 0
500	680	1 80 0 500 000 0 0	1 80 0 500 000 5 0
600	780	–	–
700	880	–	–
L_2 (length of pipe socket) [mm]: 110			

Further material combinations and dimensions available upon request.

Curaflex® 8000/T

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter / edge length of the fixed flange D_5 max. [mm]	GGV Article number
80	260	1 80 0 080 000 0 8
100	280	1 80 0 100 000 0 8
125	300	1 80 0 125 000 0 8
150	330	1 80 0 150 000 0 8
200	380	1 80 0 200 000 0 8
250	430	1 80 0 250 000 0 8
300	480	1 80 0 300 000 0 8
350	530	1 80 0 350 000 0 8
400	580	1 80 0 400 000 0 8
450	630	1 80 0 450 000 0 8
500	680	1 80 0 500 000 0 8
600	780	–
700	880	–
L_2 (length of pipe socket) [mm]: 110		

Further material combinations and dimensions available upon request.

Curaflex® 8000 with butyl sealing tape

NON-PRESSING WATER

- Flange plate with sleeve for duct systems
- Use in front of the wall
- For existing thick coating (black tank)
- Ideal for renovations

25 years guarantee

PRODUCT ADVANTAGES

- Sealing on the existing hardened thick coating
- Sealing in front of the wall (condition of the bore not relevant)
- Suitable for duct systems without a suitable core bore or pipe sleeve
- Optimally designed inner wall for holding the DOYMA sealing systems

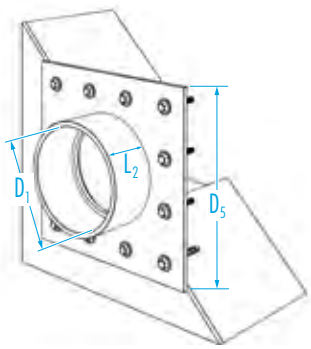
TECHNICAL DETAILS

- Radon proof – according to FHRK information sheet MB101
- For pipes and cables that are already installed (variant T)
- Suitable for non-pressing water

MATERIAL

- Steel, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- Delivery includes fixing material for solid walls and butyl sealing tape (1753)

Variant: Curaflex® 8000/T pipe sleeve – split pipe sleeve. For installation with an existing duct.



Curaflex® 8000

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter / edge length of the fixed flange D_5 max. [mm]	GGV/butyl Article number
80	260	1 80 0 080 000 3 0
100	280	1 80 0 100 000 3 0
125	300	1 80 0 125 000 3 0
150	330	1 80 0 150 000 3 0
200	380	1 80 0 200 000 3 0
250	430	1 80 0 250 000 3 0
300	480	1 80 0 300 000 3 0
350	530	1 80 0 350 000 3 0
400	580	1 80 0 400 000 3 0
450	630	1 80 0 450 000 3 0
500	680	1 80 0 500 000 3 0
600	780	–
700	880	–
L_2 (length of pipe socket) [mm]: 110		

Further material combinations and dimensions available upon request.

Curaflex® 8000/T

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter / edge length of the fixed flange D_5 max. [mm]	GGV/butyl Article number
80	260	1 80 0 080 000 3 8
100	280	1 80 0 100 000 3 8
125	300	1 80 0 125 000 3 8
150	330	1 80 0 150 000 3 8
200	380	1 80 0 200 000 3 8
250	430	1 80 0 250 000 3 8
300	480	1 80 0 300 000 3 8
350	530	1 80 0 350 000 3 8
400	580	1 80 0 400 000 3 8
450	630	1 80 0 450 000 3 8
500	680	1 80 0 500 000 3 8
600	780	–
700	880	–
L_2 (length of pipe socket) [mm]: 110		

Further material combinations and dimensions available upon request.

Curaflex® 6000

PRESSING WATER

- Cut-out for duct systems
- Use in unfinished structures
- For use with tanking membranes or thick coating (black tank)
- With fixed and loose flange
- For high static load capacity

25 years guarantee

PRODUCT ADVANTAGES

- Optimally designed inner wall for holding the DOYMA sealing systems and building services duct system
- Steel pipe sleeve for high static loads with integrated fixed and loose flange (loose flange split)
- For flush mounting into the formwork

TECHNICAL DETAILS

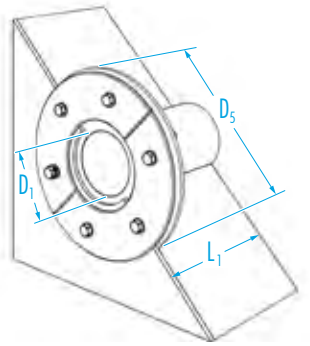
- With flanges in accordance with DIN 18533
- Gas and watertight
- Radon proof – according to FHRK information sheet MB101
- Depending on the tanking membrane, installed with Curaflex® packings (1775) arranged on both sides where there is thin and hard film, or accessories where there is a thick coating (1776): sanding of the contact surfaces of the fixed/loose flange

MATERIAL

- Steel, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter of fixed flange D_5 max. [mm]	Standard lengths L_1 [mm]
80	440	
100	460	
125	480	
150	510	
200	560	200
250	610	240
300	660	250
350	710	300
400	760	350
450	810	365
500	860	400
600	960	
700	1060	

Further material combinations and dimensions available upon request.



ACCESSORIES (OPTIONAL)*

- Curaflex® packings (1775) for thin, hard films
- Accessories for thick coating
- Punch for thick coating

* see accessories section

Curaflex® 6.6002

PRESSING WATER

- Flange plate with sleeve for duct systems
- Use in front of the wall / on the ceiling
- For use with tanking membranes or thick coating (black tank)
- With fixed and loose flange and additional bonding/ mounting flange
- Ideal for insulated structures

25 years guarantee

PRODUCT ADVANTAGES

- Specially manufactured steel pipe sleeve with integrated fixed and loose flange (loose flange split) and additional bonding/mounting flange
- Design allows for easy incorporation of insulation
- Can be manufactured individually for planned insulation thickness
- Integration of an additional sealing level possible
- Optimally designed inner wall for holding the DOYMA sealing systems and building services duct system

TECHNICAL DETAILS

- With fixed and loose flanges and bonding flange in accordance with DIN 18533
- Gas and watertight
- Radon proof – according to FHRK information sheet MB101
- Depending on the tanking membrane, installed with Curaflex® packings (1775) arranged on both sides where there is thin and hard film, or accessories where there is a thick coating (1776): Sanding of the contact surfaces of the fixed and loose flange

MATERIAL

- Steel, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)

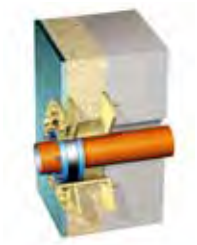
ACCESSORIES (OPTIONAL)*

- Curaflex® packings (1775) for thin, hard films
- Accessories for thick coating
- Punch for thick coating

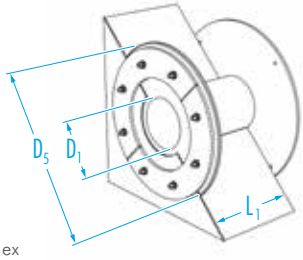
* see accessories section

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter of fixed flange D_5 max. [mm]	L_1 [mm]
80	440	
100	460	
125	480	
150	510	
200	560	
250	610	
300	660	*as per specifications*
350	710	
400	760	
450	810	
500	860	
600	960	
700	1060	

Further material combinations and dimensions available upon request.



Variant: Curaflex® 6.6002 and Curaflex Nova® Uno for use in front of thermal insulated wall



Curaflex® 7006

PRESSING WATER

- Flange plate with sleeve for duct systems
- Use in front of the wall
- For use with tanking membranes or thick coating (black tank)
- With fixed and loose flange
- Ideal for renovations

Leakage test PB 5.1/17-206-1 MFPA Leipzig

25 years guarantee

PRODUCT ADVANTAGES

- Sealing in front of the wall (condition of the bore/wall opening not relevant)
- Suitable for duct systems without a suitable core bore or pipe sleeve
- Optimally designed inner wall for holding the DOYMA sealing systems

TECHNICAL DETAILS

- With fixed and loose flange (loose flange split) made of steel in accordance with DIN 18533
- For buildings with tanking membranes/thick coating (black tank)
- Gas and watertight
- Radon proof – according to FHRK information sheet MB101
- Depending on the tanking membrane, installed with Curaflex® packings (1775) arranged on both sides where there is thin and hard film, or accessories where there is a thick coating (1776): sanding of the contact surfaces of the fixed/loose flange
- For pipes and cables that are already installed (variant T)

MATERIAL

- Steel, GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)

ACCESSORIES (OPTIONAL)*

- Curaflex® packings (1775) for thin, hard films
- Accessories for thick coating
- Punch for thick coating

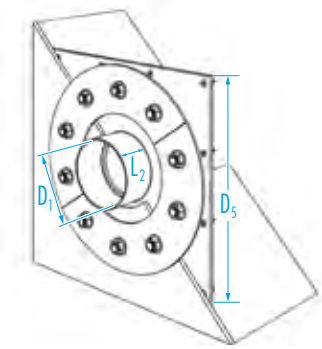
ABSOLUTELY NECESSARY WITH SPLIT VERSION!*

- Sealant, primer and adhesive cleaner

* see accessories section

Variant:
Curaflex® 7006/T pipe sleeve – split version, for installation with an existing duct.

Variant:
Curaflex® 7006 pipe sleeve, sanded



Curaflex® 7006

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter / edge length of the fixed flange D_5 max. [mm]	GGV	GGV/sanded for thick coating	Packings for thin or hard membranes
		Article number	Article number	Article number
80	440	1 70 6 080 000 0 0	1 70 6 080 000 5 0	1 99 6 775 080 7 0
100	460	1 70 6 100 000 0 0	1 70 6 100 000 5 0	1 99 6 775 100 7 0
125	480	1 70 6 125 000 0 0	1 70 6 125 000 5 0	1 99 6 775 125 7 0
150	510	1 70 6 150 000 0 0	1 70 6 150 000 5 0	1 99 6 775 150 7 0
200	560	1 70 6 200 000 0 0	1 70 6 200 000 5 0	1 99 6 775 200 7 0
250	610	1 70 6 250 000 0 0	1 70 6 250 000 5 0	1 99 6 775 250 7 0
300	660	1 70 6 300 000 0 0	1 70 6 300 000 5 0	1 99 6 775 300 7 0
350	710	1 70 6 350 000 0 0	1 70 6 350 000 5 0	1 99 6 775 350 7 0
400	760	1 70 6 400 000 0 0	1 70 6 400 000 5 0	1 99 6 775 400 7 0
450	810	1 70 6 450 000 0 0	1 70 6 450 000 5 0	1 99 6 775 450 7 0
500	860	1 70 6 500 000 0 0	1 70 6 500 000 5 0	1 99 6 775 500 7 0
600	960	–	–	–
700	1060	–	–	–

L2 (length of pipe socket) [mm]: 110

Further material combinations and dimensions available upon request.

Curaflex® 7006/T

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter / edge length of the fixed flange D_5 max. [mm]	GGV	GGV/sanded for thick coating	Packings for thin or hard membranes
		Article number	Article number	Article number
80	530	1 70 6 080 000 0 8	1 70 6 080 000 5 8	1 99 6 775 080 7 2
100	550	1 70 6 100 000 0 8	1 70 6 100 000 5 8	1 99 6 775 100 7 2
125	570	1 70 6 125 000 0 8	1 70 6 125 000 5 8	1 99 6 775 125 7 2
150	600	1 70 6 150 000 0 8	1 70 6 150 000 5 8	1 99 6 775 150 7 2
200	650	1 70 6 200 000 0 8	1 70 6 200 000 5 8	1 99 6 775 200 7 2
250	700	1 70 6 250 000 0 8	1 70 6 250 000 5 8	1 99 6 775 250 7 2
300	750	1 70 6 300 000 0 8	1 70 6 300 000 5 8	1 99 6 775 300 7 2
350	800	1 70 6 350 000 0 8	1 70 6 350 000 5 8	1 99 6 775 350 7 2
400	850	1 70 6 400 000 0 8	1 70 6 400 000 5 8	1 99 6 775 400 7 2
450	900	1 70 6 450 000 0 8	1 70 6 450 000 5 8	1 99 6 775 450 7 2
500	950	1 70 6 500 000 0 8	1 70 6 500 000 5 8	1 99 6 775 500 7 2
600	1050	–	–	–
700	1150	–	–	–

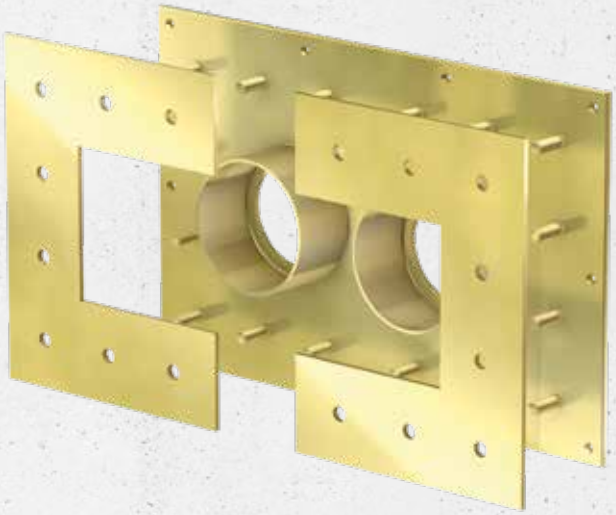
L2 (length of pipe socket) [mm]: 110

Further material combinations and dimensions available upon request.

Curaflex® 7006/M/S

PRESSING WATER

- Flange plate with multiple sleeves for duct systems
- Use in front of the wall
- For use with tanking membranes or thick coating (black tank)
- Ideal for renovations
- For multiple pipes and cables



25 years guarantee

PRODUCT ADVANTAGES

- Sealing in front of the wall (condition of the bore/wall opening not relevant)
- Suitable for duct systems without a suitable core bore or pipe sleeve
- Optimally designed inner wall for holding the DOYMA sealing systems
- Produced in accordance with specifications

TECHNICAL DETAILS

- With fixed and loose flange made of steel (loose flange split) in accordance with DIN 18533
- Dimensions and number of sleeves as per specifications and taking into account DIN 18533
- For buildings with tanking membranes/thick coating (black tank)
- Gas and watertight
- Radon proof – according to FHRK information sheet MB101
- Depending on the tanking membrane, installed with Curaflex® packings (1775) arranged on both sides where there is thin and hard film, or accessories where there is a thick coating (1776): sanding of the contact surfaces of the fixed/loose flange
- Other variations, e.g. with a short length, additional flanges or against non-pressing water (7005/M/S) can be manufactured for you upon request

APPLICATION EXAMPLE

Suitable as a pipe sleeve for sealing the flow and return for district heating pipes.

MATERIAL

- GGV triple corrosion protection coating; optionally stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- Contact surfaces sanded where a thick coating is yet to be applied
- Delivery includes fixing material for solid walls

VARIANT Curaflex® 7006/M/T/S PIPE SLEEVE:

properties as described above, but in split version. For installation with an existing duct; for retrofitting around the pipes and cables.

ACCESSORIES (OPTIONAL)*

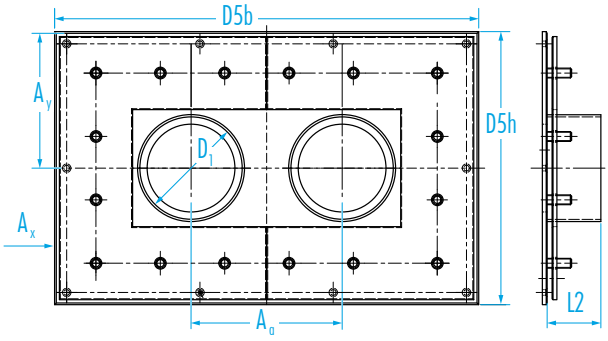
- Curaflex® packings (1775) for thin, hard films
- Accessories for thick coating
- Punch for thick coating

ABSOLUTELY NECESSARY WITH SPLIT VERSION!*

- Sealant, primer and adhesive cleaner

* see accessories section

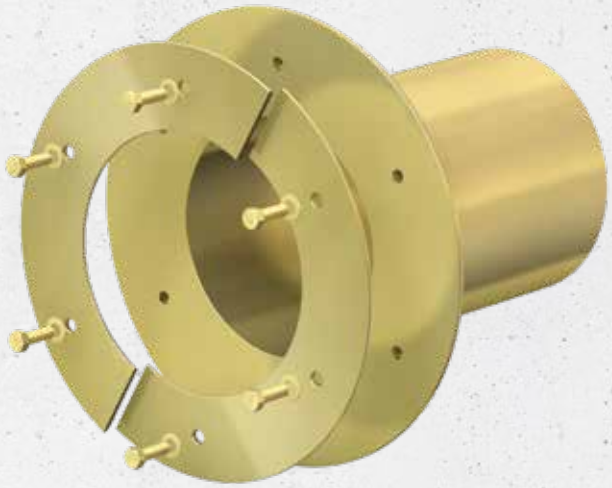
Diameter of the pipes/cables to be sealed:	d [mm]
Inner diameter of the pipe sleeve:	D1 [DN in mm]
Dimensions / edge length of the fixed flange:	D5b × D5h [mm]
Length of pipe socket:	L2 (standard 110 mm)
Exact dimensioning of the axis on which the pipes/cables run:	Ay
Centre-to-centre distances between the pipes/cables:	Aa
Distances to other components:	Ax
Type of tanking membrane or thick coating:	–



Curaflex® 5000

NON-PRESSING WATER

- Cut-out for duct systems
- Use in unfinished structures
- For use with tanking membranes or thick coating (black tank)
- With fixed and loose flange
- For high static load capacity



Leakage test 22 1618 296-01-5K MPA NRW

25 years guarantee

PRODUCT ADVANTAGES

- Optimally designed inner wall for holding the DOYMA sealing systems and building services duct system
- Steel pipe sleeve for high static loads with integrated fixed and loose flange (loose flange split)
- For flush mounting into the formwork

TECHNICAL DETAILS

- With fixed and loose flanges in accordance with DIN 18533
- Gas and watertight
- Radon proof – according to FHRK information sheet MB101
- Depending on the tanking membrane, installed with Curaflex® packings (1775) arranged on both sides where there is thin and hard film, or accessories where there is a thick coating (1776): sanding of the contact surfaces of the fixed/loose flange

MATERIAL

- GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- Contact surfaces sanded where a thick coating is yet to be applied
- Delivery includes fixing material for solid walls

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter of fixed flange D_5 max. [mm]	Standard lengths L_1 [mm]
80	260	
100	280	
125	300	
150	330	
200	380	200
250	430	240
300	480	250
350	530	300
400	580	350
450	630	365
500	680	400
600	780	
700	880	

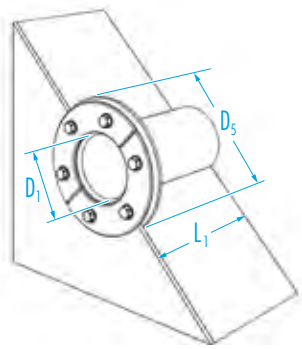
Further material combinations and dimensions available upon request.

ACCESSORIES (OPTIONAL)*

- Curaflex® packings (1775) for thin, hard films
- Accessories for thick coating
- Punch for thick coating

* see accessories section

Variant: Curaflex® 5000/U



Curaflex® 5.5002

NON-PRESSING WATER

- Flange plate with sleeve for duct systems
- Use in front of the wall / on the ceiling
- For use with tanking membranes or thick coating (black tank)
- With fixed and loose flange and additional bonding/ mounting flange
- Ideal for insulated structures

Leakage test 22 1618 296-01-5K MPA NRW

25 years guarantee

PRODUCT ADVANTAGES

- Specially manufactured steel pipe sleeve with integrated fixed and loose flange (loose flange split) and additional bonding/mounting flange
- Design allows for easy incorporation of insulation
- Can be manufactured individually for planned insulation thickness
- Integration of an additional sealing level possible
- Optimally designed inner wall for holding the Curaflex® gasket insert

TECHNICAL DETAILS

- With fixed and loose flanges and bonding flange in accordance with DIN 18533
- Gas and watertight
- Radon proof – according to FHRK information sheet MB101
- Depending on the tanking membrane, installed with Curaflex® packings (1775) arranged on both sides where there is thin and hard film, or accessories where there is a thick coating (1776): Sanding of the contact surfaces of the fixed and loose flange

MATERIAL

- GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- Contact surfaces sanded where a thick coating is yet to be applied
- Delivery includes fixing material for solid walls

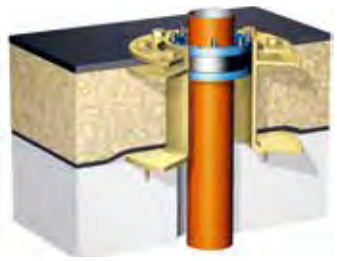
ACCESSORIES (OPTIONAL)*

- Curaflex® packings (1775) for thin, hard films
- Accessories for thick coating
- Punch for thick coating

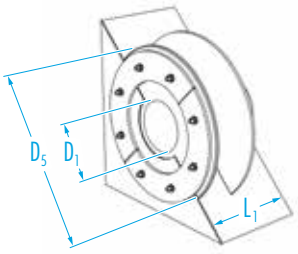
* see accessories section

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter of fixed flange D_5 max. [mm]	Standard lengths L_1 [mm]
80	260	
100	280	
125	300	
150	330	
200	380	200
250	430	240
300	480	250
350	530	300
400	580	350
450	630	365
500	680	400
600	780	
700	880	

Further material combinations and dimensions available upon request.



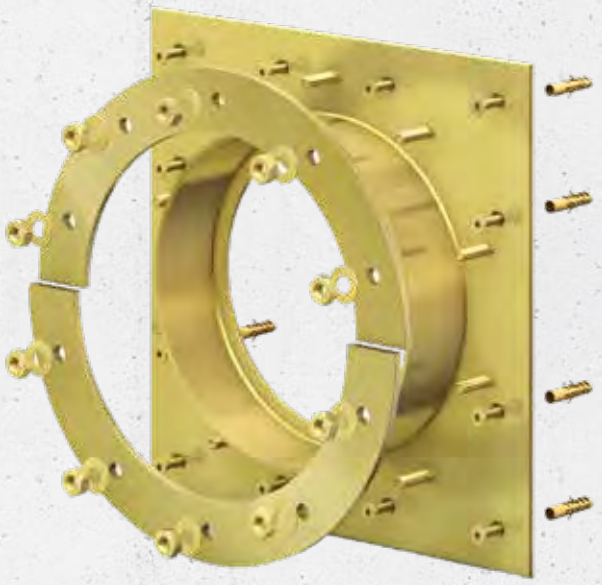
Variant: Curaflex® 5.5002 and Curaflex Nova® Uno for insulated roofs



Curaflex® 7005

NON-PRESSING WATER

- Flange plate with sleeve for duct systems
- Use in front of the wall
- For use with tanking membranes or thick coating (black tank)
- With fixed and loose flange
- Ideal for renovations



25 years guarantee

PRODUCT ADVANTAGES

- Sealing in front of the wall (condition of the bore/wall opening not relevant)
- Suitable for duct systems without a suitable core bore or pipe sleeve
- Optimally designed inner wall for holding the DOYMA sealing systems

TECHNICAL DETAILS

- With fixed and loose flange (loose flange split) made of steel in accordance with DIN 18533
- For buildings with tanking membranes/thick coating (black tank)
- Gas and watertight
- Radon proof – according to FHRK information sheet MB101
- Depending on the tanking membrane, installed with Curaflex® packings (1775) arranged on both sides where there is thin and hard film, or accessories where there is a thick coating (1776): sanding of the contact surfaces of the fixed/loose flange

MATERIAL

- GGV triple corrosion protection coating; optionally made of stainless steel 1.4301 (V2A) or 1.4571 / 1.4404 (V4A)
- Contact surfaces sanded where a thick coating is yet to be applied
- Delivery includes fixing material for solid walls

Variant: Curaflex® 7005/T pipe sleeve – split version, for installation with an existing duct.

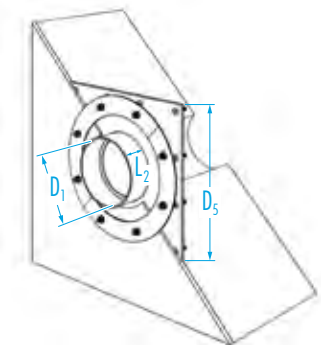
ACCESSORIES (OPTIONAL)*

- Curaflex® packings (1775) for thin, hard films
- Accessories for thick coating
- Punch for thick coating

ABSOLUTELY NECESSARY WITH SPLIT VERSION!*

- Sealant, primer and adhesive cleaner

* see accessories section



Curaflex® 7005

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter / edge length of the fixed flange D_5 max. [mm]	GGV	GGV/sanded for thick coating	Packings for thin or hard membranes
		Article number	Article number	Article number
80	260	1 70 5 080 000 0 0	1 70 5 080 000 5 0	1 99 5 775 080 7 0
100	280	1 70 5 100 000 0 0	1 70 5 100 000 5 0	1 99 5 775 100 7 0
125	300	1 70 5 125 000 0 0	1 70 5 125 000 5 0	1 99 5 775 125 7 0
150	330	1 70 5 150 000 0 0	1 70 5 150 000 5 0	1 99 5 775 150 7 0
200	380	1 70 5 200 000 0 0	1 70 5 200 000 5 0	1 99 5 775 200 7 0
250	430	1 70 5 250 000 0 0	1 70 5 250 000 5 0	1 99 5 775 250 7 0
300	480	1 70 5 300 000 0 0	1 70 5 300 000 5 0	1 99 5 775 300 7 0
350	530	1 70 5 350 000 0 0	1 70 5 350 000 5 0	1 99 5 775 350 7 0
400	580	1 70 5 400 000 0 0	1 70 5 400 000 5 0	1 99 5 775 400 7 0
450	630	1 70 5 450 000 0 0	1 70 5 450 000 5 0	1 99 5 775 450 7 0
500	680	1 70 5 500 000 0 0	1 70 5 500 000 5 0	1 99 5 775 500 7 0
600	780	–	–	–
700	880	–	–	–

L_2 (length of pipe socket) [mm]: 110

Further material combinations and dimensions available upon request.

Curaflex® 7005/T

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter / edge length of the fixed flange D_5 max. [mm]	GGV	GGV/sanded for thick coating	Packings for thin or hard membranes
		Article number	Article number	Article number
80	340	1 70 5 080 000 0 8	1 70 5 080 000 5 8	1 99 5 775 080 7 2
100	360	1 70 5 100 000 0 8	1 70 5 100 000 5 8	1 99 5 775 100 7 2
125	380	1 70 5 125 000 0 8	1 70 5 125 000 5 8	1 99 5 775 125 7 2
150	410	1 70 5 150 000 0 8	1 70 5 150 000 5 8	1 99 5 775 150 7 2
200	460	1 70 5 200 000 0 8	1 70 5 200 000 5 8	1 99 5 775 200 7 2
250	510	1 70 5 250 000 0 8	1 70 5 250 000 5 8	1 99 5 775 250 7 2
300	560	1 70 5 300 000 0 8	1 70 5 300 000 5 8	1 99 5 775 300 7 2
350	610	1 70 5 350 000 0 8	1 70 5 350 000 5 8	1 99 5 775 350 7 2
400	660	1 70 5 400 000 0 8	1 70 5 400 000 5 8	1 99 5 775 400 7 2
450	710	1 70 5 450 000 0 8	1 70 5 450 000 5 8	1 99 5 775 450 7 2
500	760	1 70 5 500 000 0 8	1 70 5 500 000 5 8	1 99 5 775 500 7 2
600	860	–	–	–
700	960	–	–	–

L_2 (length of pipe socket) [mm]: 110

Further material combinations and dimensions available upon request.

Aquagard core bore sealant

Delivery size 1 litre

Delivery size 1/3 litre

25 years guarantee

CONCRETE NEEDS PROTECTION!

Pre-cut reinforcement steel must be protected against corrosion. Moreover, concrete can absorb moisture up to a certain depth before absolute water impermeability occurs. This makes it possible for water to migrate around the gasket insert. Aquagard core bore sealant prevents this. Based on these findings, we recommend pre-treating the core bore with Aquagard.

THE SYSTEM CONSISTS OF

Aquagard primer (Curaflex® 1710 / 1711)
Base coat/primer for Aquagard special paint
The primer penetrates deep into the capillaries and air bubbles in the concrete and seals these so they are permanently watertight. This prevents water from getting into the gasket insert this way. The primer is applied with a brush or roller.

Aquagard special paint (Curaflex® 1715 / 1716)
Special paint for sealing core bores
Aquagard special paint seals the surface of the core bore wall and at the same time protects any pre-cut reinforcement steel from corrosion. The special paint is also applied with a brush or roller.

DELIVERY SIZES:

Aquagard preservation (large)
- Aquagard primer
  1 litre for 4.0 m² (Curaflex® 1710)
- Aquagard special paint
  1 litre for 3.5 m² (Curaflex® 1715)

Aquagard preservation (small)
- Aquagard primer
  1/3 litre for 1.5 m² (Curaflex® 1711)
- Aquagard special paint
  1/3 litre for 1.0 m² (Curaflex® 1716)

Aquagard	Primer	Special paint
Yield	3.5–4.0 m²/litre	
Colour	Colourless	Dove grey
Drying time (room temp.)	Approx. 1 hour	Approx. 5–6 hours

Aquagard*	Article number
Aquagard primer (Curaflex® 1710). 1 litre for 4 m²	1 99 0 710 000 0 0
Aquagard special paint (Curaflex® 1715). 1 litre for 3.5 m²	1 99 0 715 000 0 0
Aquagard primer (Curaflex® 1711). 1/3 litre for 1.5 m²	1 99 0 711 000 0 0
Aquagard special paint (Curaflex® 1716). 1/3 litre for 1 m²	1 99 0 716 000 0 0

*Excluded from the 25-year DOYMA warranty.

Curaflex® packings (1775)

25 years guarantee

TECHNICAL DETAILS

Curaflex® packings (1775), including for thin and hard tanking membranes: Curaflex® packings consist of two pieces of 3 mm thick EPDM blanks, which are matched to the dimensions and holes of the selected fixed/loose flange design.

GENERAL

According to DIN 18533-1, single-layered, loosely laid tanking membranes must be enclosed with permanently compatible packings arranged on both sides. The leak-tightness in fixed and loose flange designs is only ensured if the thickness and the elasticity of the tanking membrane or of the packings are great enough to cause the membrane to press against the substrate and create a seal. When laying tanking membranes, the information provided by the membrane manufacturers must be observed in addition to the specifications of the standard (laying guidelines)!

A) Use with very thin or hard tanking membranes – type 1775

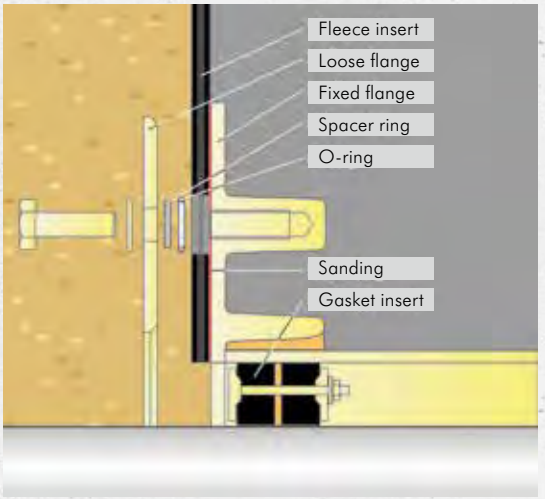
In the case of tanking membranes made of very thin and/or very hard materials, uniform pressing on the substrate is often not sufficient. When using such tanking membranes, the standard specifies the use of packings. DOYMA packings are made of elastomer EPDM which is compatible with the material. They are already fitted with the appropriate bolt holes for the fixed flange, and thus ready for installation. These suitable packings are not included in the standard scope of delivery.

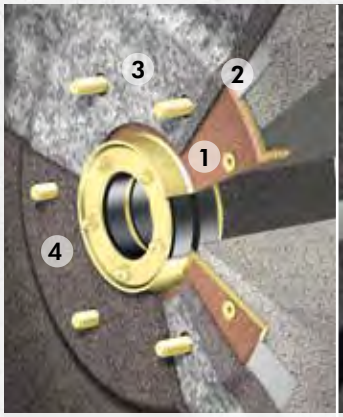
B) Use with other tanking membranes

In the case of tanking membranes made of bitumen or bitumen rubber, for example, there is usually uniform pressure on the substrate. Leak-tightness is not a problem in this case. Therefore no packings are required.

SUITABLE MATERIALS ARE AVAILABLE AS OPTIONAL ACCESSORIES FOR USE IN DRINKING WATER AREAS.

Accessory set for thick coatings





Layers from bottom to top: sanding (1), thick coating (2), fleece insert (3), thick coating (4)

Punching out holes with the punch tool

25 years guarantee

ACCESSORY SET FOR THICK COATING:

Consists of spacer rings, O-rings and fleece insert. These parts are matched to the dimensions and the holes of the selected fixed/loose flange design.

APPLICATION DESCRIPTION

The contact surfaces/inner surfaces of the fixed and loose flanges of the Curaflex® 5000, C/2/SD/5, F/2/SD/5 and the Curaflex® 6000, 7000, 8000, C/2/SD/6 and F/2/SD/6 are sanded. The carrier material used for the solder sand is WEROPOX-EP primer no. 6142 with hardener 6141-H.

The area around the holes or around the bolts, where the O-rings and the washers are positioned, must not be sanded. Diameter of these surfaces: 40 mm for non-pressing water, 55 mm for pressing water.

The thick coating of bitumen is to be applied in several layers according to the manufacturer's instructions. After the first layer has been applied, the fleece insert, which is circumferentially 100 mm larger than the fixed flange, is pressed into the layer while it is still wet. The fleece insert is then coated wet so that the minimum dry-layer thickness for the present load case is achieved. Once the drying time specified by the manufacturer has elapsed, the bitumen filler compound, depending on the design of the fixed and loose flange, is then punched out around the tapped holes or bolts, e.g. using a punch tool.

Between the flanges there are 4 mm thick spacer rings in the case of Curaflex® products against pressing water, and 3 mm thick spacer rings in the case of Curaflex® products against non-pressing water, arranged around each bolt. This prevents the entire bitumen filler compound from being squeezed out when the loose flange is tightened, thus achieving a defined layer thickness of the bitumen filler compound between the fixed flange and the loose flange.

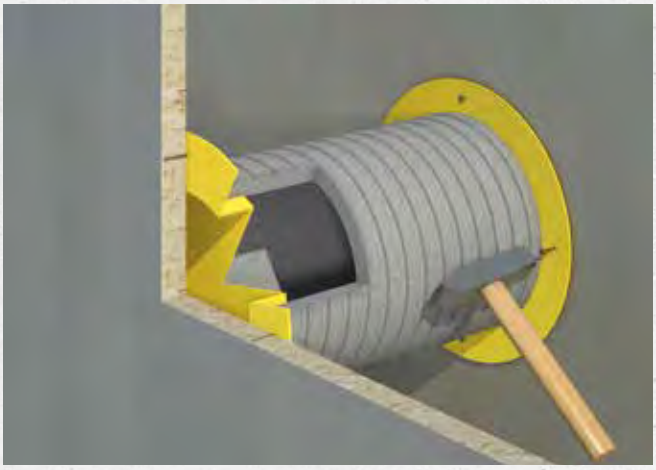
Rubber O-rings are also arranged around the bolts and around the spacer rings in order to prevent possible pressure losses around the bolts.

Product			Article number
Punch for thick coating*	For pressing water	1777/6, for approx. 2 applications	1 99 6 777 000 0 0
	For non-pressing water	1777/5, for approx. 2 applications	1 99 5 777 000 0 0

*Excluded from the 25-year DOYMA warranty.

ATTENTION! WHEN INSTALLING STEEL PIPE SLEEVES IN OR ON BUILDING WALLS WITH A THICK COATING, THE CONTACT SURFACES MUST BE SANDED AT THE FACTORY. IN SUCH CASES, PLEASE BE SURE TO SPECIFY THE FOLLOWING WHEN PLACING AN ORDER: 'FOR THICK COATING'.

Curaflex® formwork fastener (1701)



25 years guarantee

TECHNICAL DETAILS

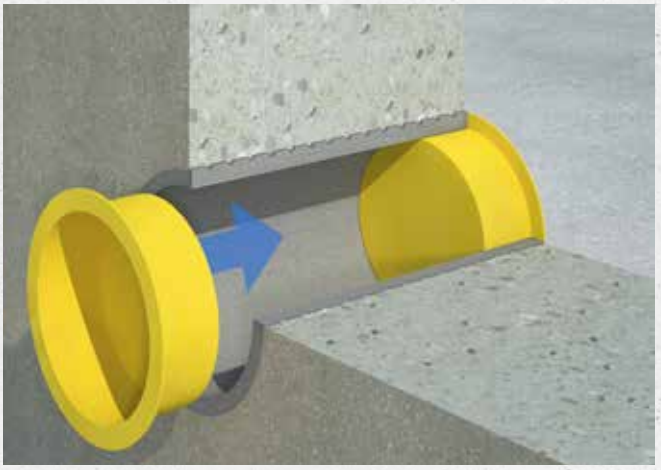
- Support for easy and fast fixing of the pipe sleeve in the formwork.
- Provided with a wide nail edge for fastening to the formwork.
- Available for pipe sleeves up to DN 400

MATERIAL

- Plastic

Inner diameter of pipe sleeve DN in [mm]	Outer diameter of formwork fastener [mm]	Component height [mm]	Article number
80	139	20	1 99 0 701 080 0 0
100	162	20	1 99 0 701 100 0 0
125	188	20	1 99 0 701 125 0 0
150	215	20	1 99 0 701 150 0 0
200	268	25	1 99 0 701 200 0 0
250	344	25	1 99 0 701 250 0 0
300	408	21	1 99 0 701 300 0 0
350	455	21	1 99 0 701 350 0 0
400	510	23	1 99 0 701 400 0 0

Curaflex® sealing plugs (1702)



25 years guarantee

TECHNICAL DETAILS

- Plugs for sealing the pipe sleeve during the raw construction phase in order to prevent the ingress of dirt and foreign bodies
- Provided with a wide edge for a secure hold in the pipe sleeve
- Available for pipe sleeves up to DN 400

MATERIAL

- Plastic

Inner diameter of pipe sleeve DN in [mm]	Outer diameter of sealing plug [mm]	Component height [mm]	Article number
80	90	29	1 99 0 702 080 0 0
100	110	30	1 99 0 702 100 0 0
125	135	30	1 99 0 702 125 0 0
150	159.5	33	1 99 0 702 150 0 0
200	214	38	1 99 0 702 200 0 0
250	264	46	1 99 0 702 250 0 0
300	314	23	1 99 0 702 300 0 0
350	455	21	1 99 0 702 350 0 0
400	420	33	1 99 0 702 400 0 0

Curaflex®
ring closure RRV

Protection against dirt and splash water

- For sealing of annulus spaces
- Installation in pre-installed pipe sleeve or core bore in waterproof concrete (white tank)
- High variability

DOYMA GRIP 25 years guarantee

PRODUCT ADVANTAGES

- High variability through an elastic adaptation to the existing pipe/cable
- Easy installation
- Ideal for combining with any Curaflex® gasket insert
- Adaptability to the media pipe

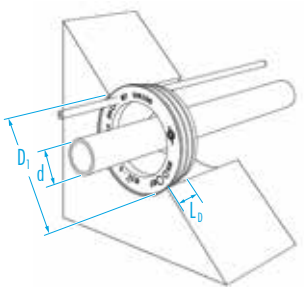
TECHNICAL DETAILS

- Permanent sight closure for core bores and pipe sleeves
- Dust and splash water protection (IP54)
- Can accommodate axial movements
- Manually adaptable to the media pipe
- DN 100 plugged sealing and from 20–63 mm
- DN 200 plugged sealing and from 108–160 mm

MATERIAL

- DOYMA-Grip (EPDM)

Inner diameter of pipe sleeve/core bore D_1 [DN in mm]	Outer diameter of pipe/cable d [mm]	Article number
100 (99 – 104)	1 x 20 – 31 2 x 5 2 x 7	1 18 5 000 100 0 0
	1 x 32 – 45 2 x 5 2 x 7	
	1 x 46 – 63 2 x 5 2 x 7	
200 (199 – 203)	1 x 108 – 135 2 x 5 2 x 7	1 18 5 000 200 0 0
	1 x 136 – 160 2 x 5 2 x 7	
L_D (max. design length) [mm]: ≤ 85 mm		



DOYMA consulting

WE OFFER PROFESSIONAL, COMPREHENSIVE ADVICE

DOYMA ALWAYS HAS THE RIGHT CONTACT PERSON FOR YOU!

Not sure which product is right for you? Do you have general questions about the DOYMA product range or a special application? Our Technical Consulting team is happy to answer your questions at any time and provide you with comprehensive and competent advice.

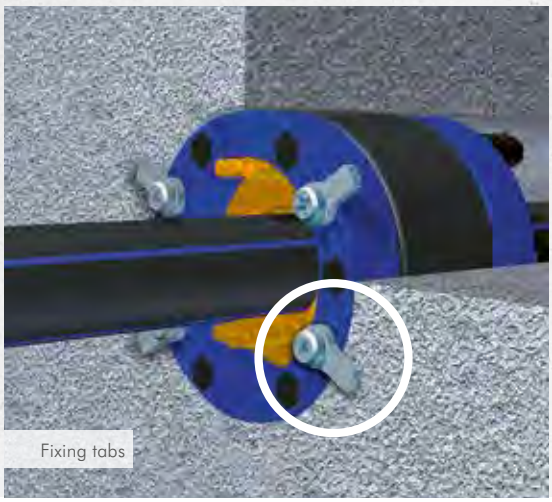
CONTACT:

Product advice and customer service

Fon: +49 (0) 4207/91 66-550
E-Mail: export@doyma.de

An overview of all DOYMA contact persons is provided here:

Adhesive, coating, cleaner, primer, sealing materials, accessories for Curaflex Nova®


Fixing tabs


ITL nuts


2-component epoxy resin coating

Accessories for Curaflex Nova® gasket inserts

Fixing set for Curaflex Nova® gasket inserts

Consisting of four fixing tabs with V2A screws.
Article no. 1 88 0 600 004 2 9

ITL nut set for Curaflex Nova® gasket inserts

Consisting of nine ITL nuts M6 for DN 80 to DN 250.
Article no. 1 88 0 600 009 0 0

Consisting of 12 ITL nuts M8 for DN 300.
Article no. 1 88 0 800 012 0 0

Accessories for pipe sleeves

Sikadur-31+ adhesive (1740)

Adhesive for bonding the split special fibre cement 3000 / T pipe sleeves. This adhesive also joins two special fibre cement pipe sleeves to an overlapping pipe section. 1.2 kg, sufficient for approx. 0.6 m²

2-component epoxy resin coating (1745)

Epoxy resin for coating the pipe sleeve inner surface, end face and core bore walls. High chemical resistance; seals against natural gas, city gas and liquefied petroleum gas, unleaded petrol, diesel and many others, gas-tight. 2.0 kg, sufficient for approx. 2.0 m²

Butyl sealing tape (1753)

Elastic sealing compound for sealing on existing thick coating.

Four fixing tabs with screws	Article number
	1 88 0 600 004 2 9
ITL nuts M8	**Article number**
12 items	1 88 0 800 012 0 0
ITL nuts M6	**Article number**
9 items	1 88 0 600 009 0 0

Sikadur-31+ adhesive*	Article number
Type 1740, 1.2 kg container for 0.6 m²	1 99 0 740 000 0 0
2-component epoxy resin coating*	**Article number**
Type 1745	1 99 0 745 000 0 0
Butyl sealing tape*	**Article number**
Type 1753	–

*Excluded from the 25-year DOYMA warranty.

Sika adhesive cleaner-1 (1754)

Sika primer-3 N (1755)

Sikaflex-11FC sealing compound (1756)

Required accessories for split pipe sleeves and Curaflex® 8000

Sika adhesive cleaner-1 (1754)

Activator and cleaner of metallic substrates for better adhesion of the sealing compound Sikaflex-11FC+. 1 litre, sufficient for approx. 8.0 m²

Sika primer-3 N (1755)

Priming of concrete to improve the adhesion of Sikaflex-11FC+. 0.25 litres, sufficient for approx. 1.25 m².

Sikaflex-11FC sealing compound (1756)

Elastic sealing compound with excellent strength values. Movement of approx. 10%. Fast setting, permanently elastic. Excellent weather and ageing-resistance. Resistant against aqueous detergents, sea water, lime water, weak acids and alkalis as well as public sewage. Cartridge 300 ml, sufficient for approx. 0.24 m².

Sika adhesive cleaner-1*	Article number
Type 1754, 1 litre, sufficient for 8 m²	1 99 0 754 000 0 0
Sika primer-3 N*	**Article number**
Type 1755, 0.25 litre, sufficient for 1.25 m²	1 99 0 755 000 0 0
Sikaflex-11FC+ sealing compound*	**Article number**
Type 1756, 300 ml, sufficient for 0.24 m²	1 99 0 756 000 0 0

*Excluded from the 25-year DOYMA warranty.

DOYMA FIRST-CLASS CUSTOM SOLUTIONS

EXPERTS IN TAILOR-MADE SEALING SYSTEMS

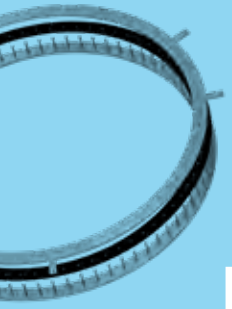
CUSTOM SOLUTIONS FROM DOYMA

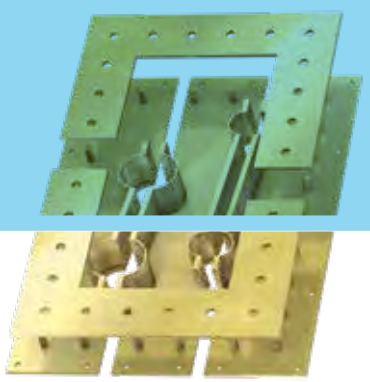
Demanding building types, such as power plants, large industrial plants, reservoirs or airports, often require **highly specialised custom solutions.**

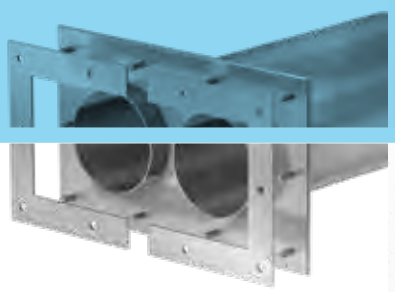
They place high demands on the safe and permanent leak-tightness of pipes and cables penetrating the building envelope. As soon as pipes and cables have extraordinary dimensions or there are special **thermal, chemical or physical requirements,** custom sealing systems are the only solution. Only custom solutions are able to meet these individual conditions regarding the building structure.

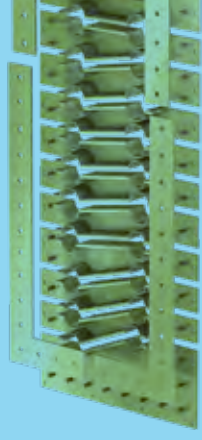
DOYMA has the expertise and experience of 60 years to develop and produce the best solution for your building.

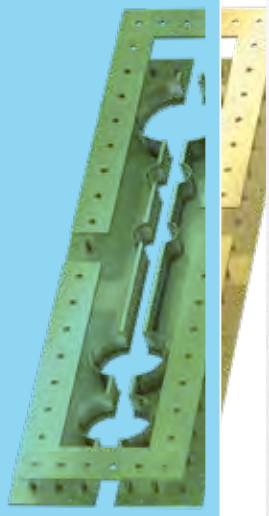
State-of-the-art design and manufacturing methods as well as professional simulation methods help to ensure safety when using custom solutions from DOYMA. And all of that is provided with a **25-year warranty** (on a plate design).



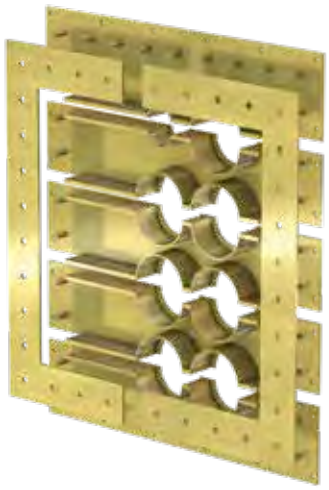




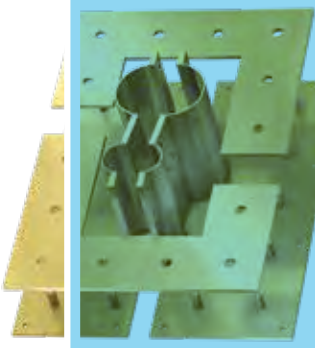




OBJECT // Sealing of wall feed-through for supply pipes. Special requirement: the existing building fabric had to be preserved despite extensive renovation of the pipes and cables. Designed and manufactured for the renovation/ remodelling of a listed residential building.

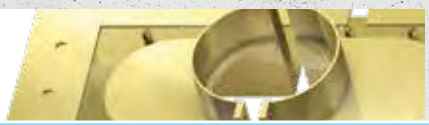


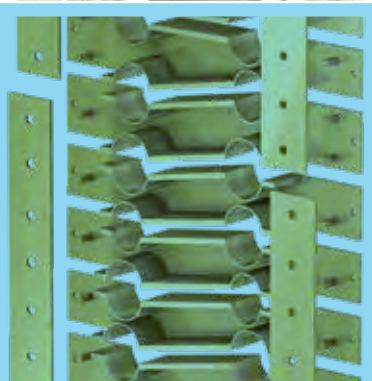
OBJECT // Sealing of multiple supply and disposal pipes. Designed and manufactured for the renovation of an airport tower.



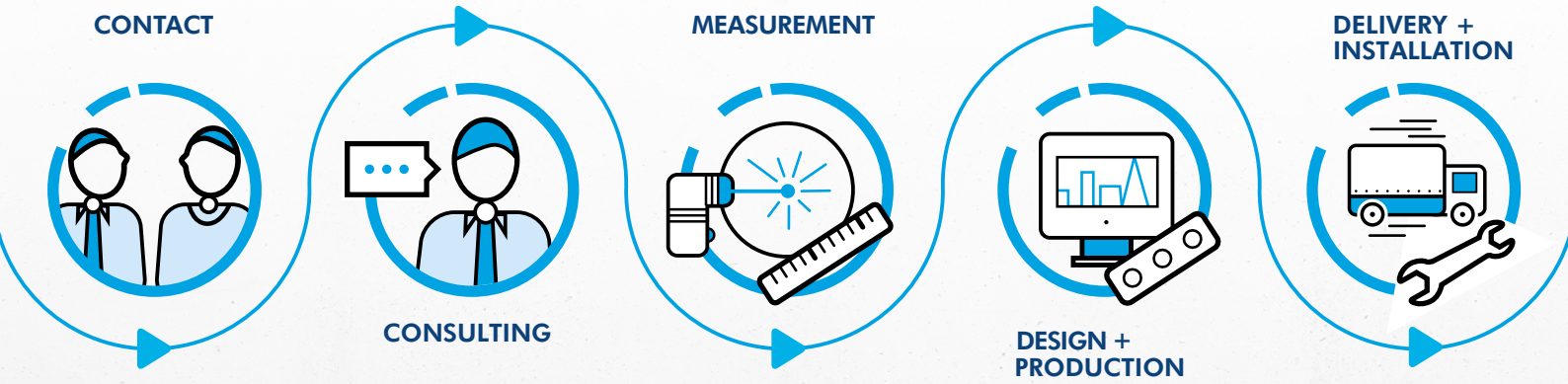
OBJECT // Sealing of a roof duct with fixed and loose flange using tanking membranes. Designed and manufactured for the expansion of an industrial building.

OBJECT // Sealing of inclined wall feed-throughs for multiple data and electricity lines. Designed and manufactured for the new construction of a data centre.





Custom solutions implemented by **DOYMA** MASTERWORK+



MASTERPIECE+

EVERYTHING FROM ONE SOURCE

Under its service brand Meisterwerk+, DOYMA offers a **complete service package** for custom solutions. Custom sealing systems are always individual. Each of these unique solutions is designed and produced with care. That's exactly where our strength lies! We support and assist our customers the whole way through, from planning to installation. After the initial consultation, we not only take care of the measurements and planning, but also the design and manufacture of the chosen solution, and through one of our **exclusive service partners**, even the installation.
DOYMA offers a complete service package as a single point of contact, and that guarantees a safe, fast and long-lasting solution for highly individual requirements.

HELPFUL TOOLS AND CONTACTS FOR YOUR PROJECT

CUSTOM SOLUTION CHECKLIST

'Procedure for the inclusion on site conditions'

A comprehensive checklist that covers all information necessary to determine the technical requirements for your custom solution! A useful tool that enables us to accurately assess your project.

EXTENSIVE PRODUCT INFORMATION

Custom solutions on the DOYMA website

Have a look at previous custom solutions from our portfolio to get an overview of what is possible: consider the specific requirements, use, place of installation, etc. You may find a similar solution that suits your project. Get in touch with us!

DOYMA SERVICE PARTNERS

Professional final installation through regional partner companies

If desired, our DOYMA service partners can take care of professionally installing your custom solution on site. Discover the real possibilities here.

Installation example for gasket inserts

Curaflex Nova® Uno

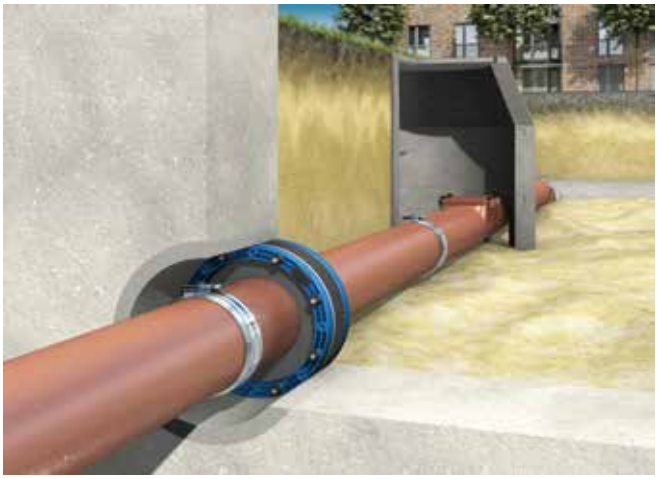
The Curaflex Nova® Uno gasket insert is especially suitable for sealing pipes/cables with a smooth surface in standard dimensions. The gasket can be installed in core bores in waterproof concrete and pre-installed pipe sleeves.

PLEASE NOTE

- Gasket inserts are not secure points or support bearings; they are only used for elastic sealing of pipes/cables.
- The nut side of the gasket insert should face the non-water side.
- Slight axial movements of the pipes and cables are permitted. Furthermore, fixing tabs are optionally available and can be screwed onto the frame ring (fixing set accessory). These tabs additionally secure the gasket insert when the pressure loads are higher.
- Gasket inserts are maintenance-free. Once correctly installed, it is not necessary to re-tighten the bolts.
- The sealing of thin-walled and/or foamed plastic pipes must be checked. Contact us if necessary.

NOTES

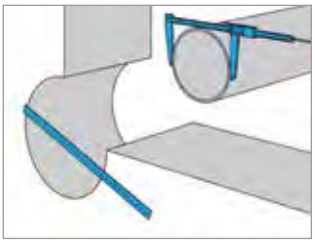
The products are under constant development and technical changes may be implemented without notice. Detailed installation instructions are included with the product. They are also available on the internet at www.doyma.com.



Curaflex Nova® Uno gasket insert

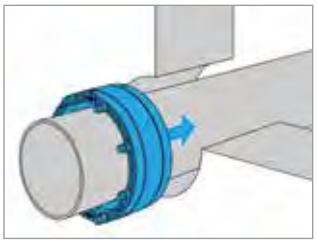
INSTALLATION STEPS

1



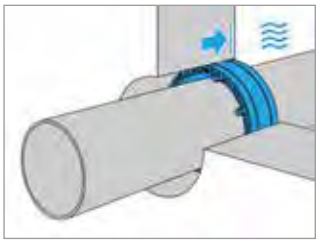
Determine the diameter of the core bore/pipe sleeve and the media pipe and check it against the information on the box.

2



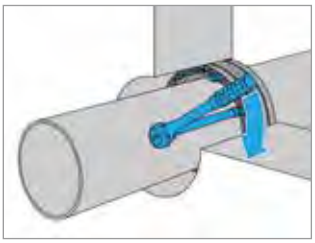
Push the Curaflex Nova® Uno onto the media pipe and into the core bore/pipe sleeve...

3

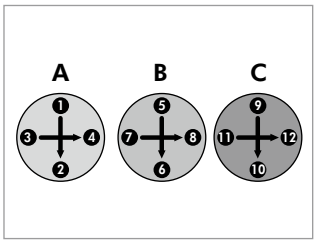


...until the gasket insert stops about flush with the outer wall (water/pressure side).

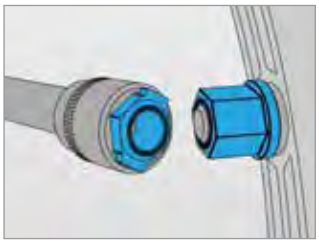
4



To complete installation of the gasket insert, tighten the nuts (SW 10 or SW 13 for DN 300).



Alternate cross-wise: several turns each in at least three intervals (A>B>C).



Continue until the top nuts shear off (ITL principle: Integrated Torque Limiter; no special tool needed.)

Installation example for gasket inserts

Curaflex® C/2/SD/6

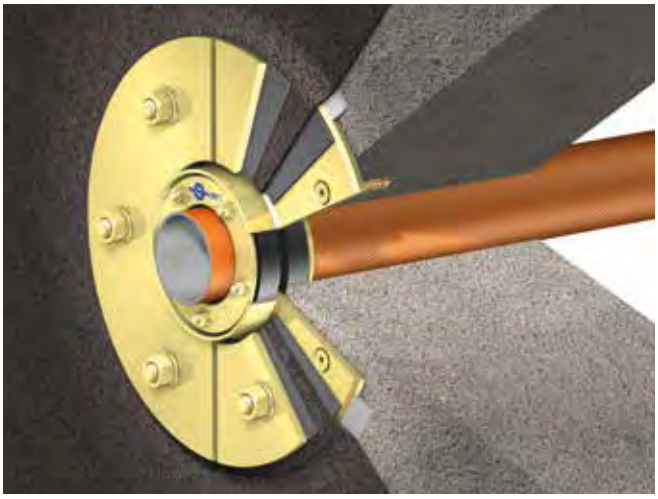
Curaflex® C/2/SD/6 is a gasket insert with a fixed and loose flange. The system seals pipes and cables against pressing water and is suitable for buildings with tanking membranes or thick coatings.

PLEASE NOTE

- The wall in the installation area must be clean, level and dry.
- There must be no cracks or breakouts on the wall surface in the installation area.
- Masonry walls must always be implemented with pipe sleeves.
- The seals and the pipe surfaces must be clean and free from damage.
- Curaflex® gasket inserts are maintenance-free. Once correctly installed, it is not necessary to re-tighten the bolts.
- Does the gasket insert fit? Compare the diameters of the media pipe and pipe sleeve/core bore with the specifications on the gasket insert.
- Gasket inserts are not secure points or support bearings; they are only used for elastic sealing of pipes.
- Slight axial movements of the pipes are permitted.
- We recommend sealing the core bore with Aquagard.

NOTES

DOYMA products are under constant development and technical changes may be implemented without notice. Detailed installation instructions are included with the product. They are also available on the internet at www.doyma.com.



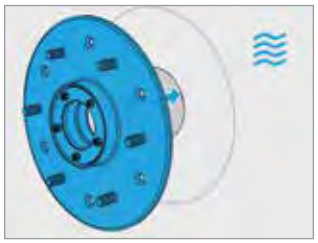
Curaflex® C/2/SD/6 gasket insert installed in a core bore

MAXIMUM TORQUE

Bolt diameter	Width across flats	Max. torque [Nm]
M 5	8	3
M 6	10	8
M 8	13	12
M 10	17	25
M 12	19	30

INSTALLATION STEPS

1

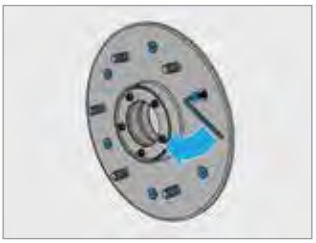


Position and centre the gasket insert in the cut-out.

2

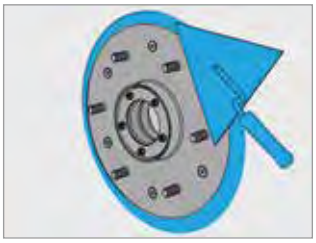
Mark the dowel holes, drill the holes and insert the dowels.

3



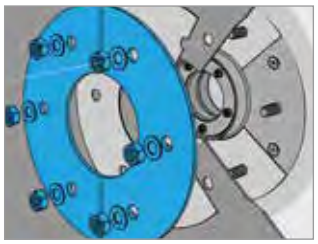
Tighten the countersunk screws.

4



Smooth out the transition from the fixed flange to the wall with grout.

5

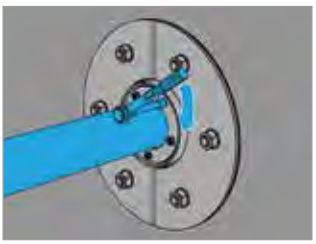


If necessary, install the tanking membrane with packings and loose flange halves.

6

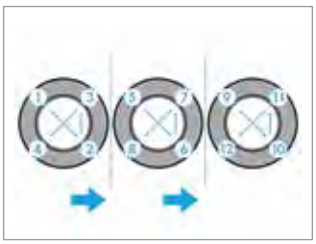
Tighten the loose flange with a torque spanner. Observe the torque specified in DIN 18533.

7



Assemble the pipe and tighten the gasket insert with the torque spanner (observe Fig. 8).

8



Tighten the nuts, alternating cross-wise. Observe the maximum torque.

Installation example for pipe sleeves

Curaflex® 8000 with butyl sealing tape (1753)

Curaflex® 8000 is a steel pipe sleeve for sealing buildings with an existing thick coating (black tank), against non-pressing water/soil moisture (not according to DIN 18195-9/DIN 18533-1). The sealant is butyl sealing tape (1753). The pipe sleeve is mounted on the existing, hardened thick coating.

PLEASE NOTE

- The existing thick coating must be clean, dry and free of damage in the area around the steel pipe sleeve.
- The steel pipe sleeve must be clean and free of dust and grease.
- If there is a pipe sleeve in the wall, it must stop flush with the wall.
- The diameter of the core bore/wall pipe sleeve must be smaller than the pipe socket of the steel pipe sleeve. Otherwise a custom solution will be necessary.
- If the pipe/cable is not centred on the steel pipe sleeve, a custom solution may be necessary upon consultation with DOYMA.
- To seal the annular space between pipe/cable and pipe sleeve, you will need a sealing element. We recommend installing a Curaflex® gasket insert (not included in the scope of delivery).
- To ensure that the butyl sealing tape (1753) adheres better to the steel pipe sleeve, additional accessories are required, such as Sika adhesive cleaner-1 (yield per litre: approx. 8–9 m^2). Not included in the scope of delivery.

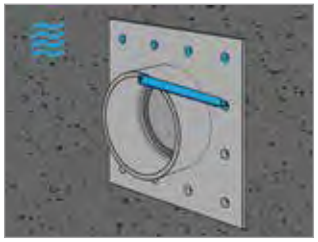
NOTES

DOYMA products are under constant development and technical changes may be implemented without notice. Detailed installation instructions are included with the product. They are also available on the internet at www.doyma.com.

Curaflex® 8000 steel pipe sleeve

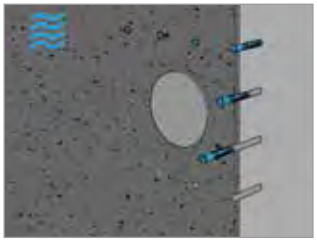
INSTALLATION STEPS

1



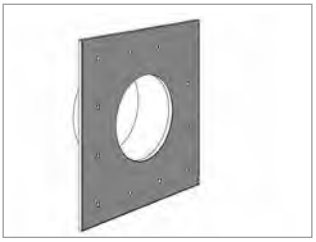
Position the steel pipe sleeve on the wall and mark the dowel holes. Important: if piping is already installed, position the pipe sleeve so that it is centred on the pipe!

2



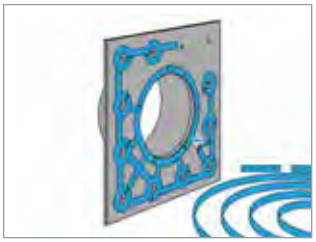
Drill the holes and insert the dowels.

3



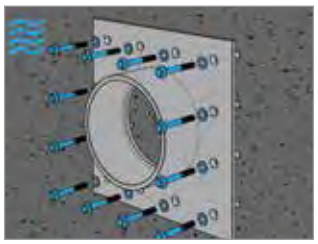
The surface must be dry, clean and free of dust and grease before the butyl tape is applied.

4



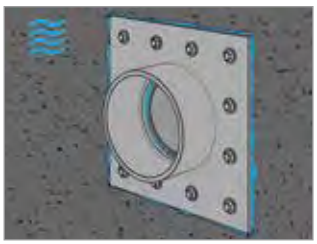
Stick the butyl sealing tape (1753) to the back of the steel plate in a spider web format. Leave a diameter of approx. 25 mm free in the area around the holes. Here, the collar of the dowel is positioned as a spacer between the wall and the plate. Seamless application of the sealing tape is a prerequisite for a durable seal.

5



Slide the plastic washer onto the special screw and mount the steel pipe sleeve onto the wall by positioning it and tightening the screws.

6



The installation is correct when butyl emerges circumferentially on the inside and outside when the screws are tightened. Remove any butyl protruding from the sleeve.

Approvals, test reports, expert opinions

Curaflex® pipe sealing systems

PRESSURE AND LEAKAGE TESTS

Sequ. no.	Testing institute	Standard	Test result classification	Product
1	iro Oldenburg Reg. no. G 30661	-	>= 0,1 bar	Curaflex® A
2	iro Oldenburg Reg. no. G 30661	-	Up to 6,4 bar	Curaflex Nova® Uno, -Uno/0, -Uno/T, -Multi and Curaflex® C und -C/0
3	iro Oldenburg Reg. no. G 30663	-	5,0 bar	Curaflex Nova® Uno
4	iro Oldenburg Reg. no. G 30663	-	10,0 bar	Curaflex® F
5	TÜV Nord Reg. no.: 44 799 11 399783		5 bar	Curaflex® 3000 (DN 200)
6	MPA NRW Reg. no.: 22 1295 797-01	DIN 18195 / DIN 18533	1,5 bar	Curaflex® C/2/SD/6 bzw. Curaflex® F/2/SD/6 + Superflex 10, Fa. Deitermann
7	MPA NRW Reg. no.: 22 1618 296-01-3ka	DIN 18195 / DIN 18533	1,5 bar	Curaflex® 3001 + Superflex 10, Fa. Deitermann
9	MPA NRW Reg. no.: 22 1618 296-01-5k	DIN 18195 / DIN 18533	1,5 bar	Curaflex® 5000 + Superflex 10, Fa. Deitermann
10	Infraserv Reg. no.: 14-11-2008	DIN EN 1779 B3	$1{,}1*10^{-4}$ mbar*l/s (helium test)	Curaflex® A
11	Infraserv Reg. no.: 18-11-2008	DIN EN 1779 B3	$1{,}5*10^{-4}$ mbar*l/s (helium test)	Curaflex® C
12	MFPA Leipzig Reg. no. PB 5.1/17-206-1	DIN 18533	5,0 bar	Curaflex® SD + Curaflex® C/2/SD/6 or Curaflex® F/2/SD/6 + Curaflex® 7006 + SikaProof® A, Fa. Sika
13	MFPA Leipzig Reg.Nr. PB 5.1/19-097-1	DIN 18533	5,0 bar	Curaflex® SD + Curaflex® C/2/SD/6 or Curaflex® F/2/SD/6 + Curaflex® 7006 + Preprufe® 160R, 300R und 800PA

ELASTOMER TESTS

Sequ. no.	Testing institute*	Test content	Test result classification	Product
1	OFI Reg. no. 412.470/1	Cold water (23°C)	UBA elastomer guideline	DOYMA-Grip – EPDM-TW
2	OFI Reg. no. 408.093/4	Microbial growth	DVGW W270	DOYMA-Grip – EPDM-TW

SOUND INSULATION TESTS

Sequ. no.	Testing institute*	Standard	Test result classification	Product
1	IBMB Reg. no.: 2075/5673-DK/br	DIN 52210	Rw = 49 dB	Curaflex® A, Curaflex® A/0, Curaflex® C Curaflex® C/0, Curaflex® 3000

IAF: IAF – Radioökologie GmbH, Radeberg
IBMB: Institute of Building Materials, Concrete Construction and Fire Safety, TU Braunschweig (Brunswick)
IFAM: Fraunhofer Institute for Manufacturing Technology and Advanced Materials IFAM, Bremen
Infraserv: InfraServ Wiesbaden Technik GmbH & Co. KG
iro Oldenburg: iro GmbH Oldenburg
MPA NRW: Materials Testing Agency of North Rhine-Westphalia, Dortmund
MFPA: Gesellschaft für Materialforschung und Prüfanstalt für das Bauwesen Leipzig mbH
OFI: OFI Technologie & Innovation GmbH
TÜV Nord: TÜV Nord AG, Hanover

RADON TESTS

Sequ. no.	Testing institute	Test content	Test result classification	Product
1	IAF 20.11.2015 / 11.12.2015"	Materials testing for radon diffusion coefficient	R > 3, radon-tight	DOYMA-GRIP - EPDM
2	IAF 29.06.2017 / Curaflex Nova® Senso			Curaflex Nova® Senso
3	IAF 29.06.2017 / Curaflex Nova® Multi			Curaflex Nova® Multi
4	IAF 29.06.2017 / Curaflex Nova® Uno/0			Curaflex Nova® Uno/0
5	IAF 29.06.2017 / Curaflex Nova® Uno/T			Curaflex Nova® Uno/T, Curaflex Nova® Uno, Curaflex Nova® Uno/breit, Curaflex Nova® Uno/breit/T "
6	IAF 08.08.2017 / Curaflex® Quick In A40			Curaflex® Quick In A 40, Curaflex® A 40, Curaflex® C 40, Curaflex® Quick In C 40
7	IAF 27.10.2017 / Curaflex® Quick In A			Curaflex® Quick In A, Curaflex® A, Curaflex® A/M, Curaflex® A/M/T, Curaflex® A/0, Curaflex® A/S, Curaflex® C, Curaflex® Quick In C, Curaflex® C/M, Curaflex® C/M/T, Curaflex® C/0, Curaflex® C/S, Curaflex® C/2/SD/5, Curaflex® C/2/SD/6, Curaflex® B, Curaflex® D, Curaflex® E, Curaflex® F
8	IAF 07.06.2018"			Nitrile rubber – NBR

FHRK TESTS

Sequ. no.	Testing institute	Testing institute	Test result classification	Product
1	iro GmbH Oldenburg 21/01/2019, Curaflex® Quick In A Document number: G 30 322-2-1	Test GE 101 Gas-tightness	Test pressure 0.1 bar	Curaflex® Quick In A, Curaflex® A, Curaflex® A/M, Curaflex® A/M/T, Curaflex® A/0, Curaflex® A/S, Curaflex® C/2/SD/5, Curaflex® B, Curaflex® E, Curaflex® Quick In A 40, Curaflex® A 40
2	iro GmbH Oldenburg 21/01/2019, Curaflex® Quick In C Document number: G 30 322-2-2	Test GE 101 Gas/water-tightness	Test pressure 1.0 bar	Curaflex® C, Curaflex® Quick In C, Curaflex® C/M, Curaflex® C/M/T, Curaflex® C/0, Curaflex® C/S, Curaflex® C/2/SD/6, Curaflex® D, Curaflex® F, Curaflex® C 40, Curaflex® Quick In C 40
3	iro GmbH Oldenburg 21/01/2019, Curaflex Nova® Multi Document number: G 30 322-2-3	Test GE 101 Gas-tightness	Test pressure 1.0 bar	Curaflex Nova® Multi
4	iro GmbH Oldenburg 21/01/2019, Curaflex Nova® Uno/M/T Document number: G 30 322-2-4	Test GE 101 Gas-tightness	Test pressure 1.0 bar	Curaflex Nova® Uno/M/T
5	iro GmbH Oldenburg 21/01/2019, Curaflex Nova® Uno/T Document number: G 30 322-2-5	Test GE 101 Gas/water-tightness	Test pressure 1.0 bar	Curaflex Nova® Uno/T, Curaflex Nova® Uno, Curaflex Nova® Uno/breit, Curaflex Nova® Uno/0, Curaflex Nova® Uno/breit/T
6	iro GmbH Oldenburg 21/03/2019, Curaflex Nova® Senso Document number: G 30 322-2-8	Test GE 101 Gas-tightness	Test pressure 1.0 bar	Curaflex Nova® Senso
7	iro GmbH Oldenburg 18/07/2019, Curaflex® 3000 Document number: G 30 322-2-9	Test GE 102 Shock and impact load Compressive load Water-tightness	Test pressure 1.0 bar	Curaflex® 3000, Curaflex® 3001
8	iro GmbH Oldenburg 17/02/2020, Curaflex® 9000 Document number: G 30 322-2-10	Test GE 102 Shock and impact load Compressive load Water-tightness	Test pressure 1.0 bar	Curaflex® 9000

TEST CERTIFICATES PROVIDED UPON REQUEST

Glossary

DOYMA-GRIP	Particularly non-slip and ageing-resistant elastomer compound especially developed for DOYMA. This compound prevents friction-reducing substances, such as mineral oils used as softening agents, from causing the gasket insert to slide.
DDE	(DOYMA Diameter Extension) This system is used to seal media lines across a wide range of dimensions without any tools. Rubber modules of different sizes can be pulled out on both sides to adjust the component to the different pipe or cable diameters.
DPS	(Double Profile System) The name for DOYMA's two-sided, asymmetrical profiling of the steel rings on the inside of the gasket inserts.
PRESSING WATER	Water exerting hydrostatic pressure on the seal. • Corresponds to load class 1 as per the Waterproofing guideline • Corresponds to water exposure class W2-E 'Pressing water' as per DIN 18533
EPDM-TW	Elastomer for use in drinking water applications. Certified under the UBA elastomer guideline and DVGW W270.
GAS-TIGHT	Describes the following property of a gasket insert: tight against all gases which do not attack the material (e.g. air, nitrogen, noble gases, etc.)
ITL	(Integrated Torque Limiter) Always guarantees the correct torque during tightening. Nuts which were specially devel oped for this purpose will detach quickly and reliably at a defined torque.
KMB/PMBC	Plastic modified bitumen coating
WET ROOMS	Interior spaces where water accrues in such an amount that a floor drain is required for its removal. Bathrooms in residential buildings without a floor drain are not considered wet rooms. These are referred to as humid rooms.
NOMINAL WIDTH	(DN) A measured size that for DOYMA products corresponds to the actual inner diameter.
NON-PRESSING WATER	Does not exert any pressure on the seal, or only temporarily exerts slight hydrostatic pressure. • Corresponds to load class 2 as per the Waterproofing guideline • Corresponds to the water exposure class W1-E 'Soil moisture and non-pressing water' and W3-E 'Non-pressing water on earth-covered ceilings' as per DIN 18533
SPECIAL FIBRE CEMENT PIPE SLEEVES	(SFC) Consists of cement reinforced with artificial fibres. A special characteristic of this material is that it has nearly the same coefficient of expansion as concrete.
STS	(Soft Tight System) Solves the sealing problem that exists for heavily textured pipe surfaces with absolute ease: a gasket insert with a soft butyl tape that reaches deep into the grooves of the pipe surface, creating a reliable and permanent seal.
BLACK TANK	Structures that are not water-tight must be protected against penetrating water through a seal. This seal comes in the form of a membrane created using a filler compound or a liquid, thus creating a skin-like seal. Since the materi-al bitumen plays an important role here, these seals are also referred to as 'black tank'.
WHITE TANK	Structures that are water-tight or water-impermeable do not require additional 'skin' sealing. Above all, this includes structures made of waterproof reinforced concrete (WP concrete). These building seals are also referred to as 'white tank'.
WP CONCRETE	Waterproof or water-impermeable concrete
PACKINGS	According to DIN 18533, single-layered, loosely laid tanking membranes must be enclosed with permanently compatible packings arranged on both sides. The packings may be the same material as the tanking membrane or be made of material-compatible elastomers.

PLUS X AWARD

AWARD-WINNING SEALING SYSTEMS

BUILDING OWNER'S PACKAGE-HEAT PUMP SYSTEMS

Quadro-Secura® Split heat pump for buildings with basements

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Ease of Use
Functionality

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Quadro-Secura® E-Quick

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Functionality
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E-Quick for water

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Functionality
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2015 Achieved for:
Innovation
High Quality
Functionality

E 2 X-LWL Strom

E 2 X-LWL Wasser

ALLOCATION TABLES

Pipe/cable diameter and diameter of core bore/pipe sleeve

GASKET INSERTS Curaflex Nova® Uno, Uno/T, Uno/breit, Uno/breit/T

pipe/cable Ø from – to [mm]	DN [mm]
5 – 40	80 (79 – 83)
5 – 63	100 (99 – 104)
63 – 112	150 (149 – 153)
108 – 160	200 (199 – 203)
154 – 201	250 (249 – 253)
198 – 225	300 (299 – 303)

GASKET INSERTS Curaflex® A-F

pipe/cable Ø from – to [mm]	DN [mm]
7 – 24	50 (49 – 53)
7 – 40	80 (79 – 83)
41 – 57	100 (99 – 104)
58 – 77	125 (124 – 128)
78 – 104	150 (149 – 153)
105 – 145	200 (199 – 204)
146 – 190	250 (247 – 253)
191 – 233	300 (297 – 304)
234 – 288	350 (347 – 354)
289 – 339	400* (397 – 404)
340 – 380	450* (447 – 454)
381 – 430	500* (497 – 503)

*Allocations do not apply to Curaflex® C 40 and A 40..

GASKET INSERTS Curaflex® A/S, C/S

pipe/cable Ø from – to [mm]	DN [mm]
9 – 65	100 (99 – 104)
40 – 57	125 (124 – 128)
58 – 77	130 (129 – 133)
57 – 115	150 (149 – 153)
78 – 104	160 (159 – 163)
78 – 104	200 (199 – 204)
105 – 145	250 (247 – 253)
158 – 190	300 (297 – 304)

Overview of optional sealing rubber types for Curaflex® gasket insert

DOYMA-GRIP

Particularly slip-resistant and agingre-sistant EPDM elastomer mixture (ethy-lene-propylene-diene mixture).

- very good chemical resistance, resistant to almost all acids and lye as well as salt water
- high mechanical strength
- optional version: Elastomer, EPD MTW (suitable for drinking water) according to the elastomer guide line and DVGW W270

NBR (NITRILE BUTADIENE RUBBER)

- chemical resistance to oils, greases and all commercially available fuels
- NBR is an excellent seal for natural gas and city gas

SILICONE (SILICONE RUBBER)

- good ozone resistance
- high static load capacity

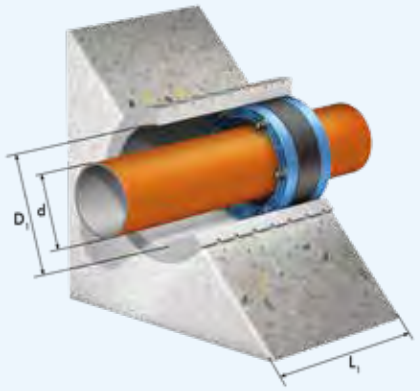
FPM (FLUOROCARBON RUBBER)

- chemical resistance to solvents, fuels, natural gas, oils, greases and aircraft fuels (Jet A1 and Jet B)

PIPE SLEEVES
Curaflex®

Inner diameter of pipe sleeve D_1 [DN in mm]	Outer diameter of pipe / cable from - to ** d [mm]		
	Curaflex® Nova Uno	Curaflex®	Curaflex® Sonder
80	5 – 40	7 – 40	0 – 50
100	5 – 63	41 – 57	0 – 65
125	–	58 – 77	0 – 90
150	63 – 112	78 – 104	0 – 115
200	108 – 160	105 – 145	0 – 165
250	154 – 201	146 – 190	0 – 210
300	198 – 230	191 – 233	0 – 250
350	–	234 – 288	0 – 315
400	–	289 – 339	0 – 355
450	–	340 – 380	0 – 406
500	–	381 – 430	0 – 430
600	–	431 – 530	0 – 530
700	–	531 – 620	0 – 620
800	–	621 – 720	0 – 720

** maximum feasible pipe / cable outer diameter



WHEN PLACING AN ORDER, PLEASE ALWAYS PROVIDE:

- the pipe/line diameter **d**
- the core bore / pipe sleeve diameter D_1
- the overall length L_1

We would be happy to consult you:
Phone +49 (0) 4207/91 66-300

MAXIMUM TORQUES for Curaflex® gasket insert

Boltwidth Ø	Width across flats	Max. Torques Curaflex® A – F
M 5	8	3 Nm
M 6	10	8 Nm
M 8	13	12 Nm
M 10	17	25 Nm
M 12	19	30 Nm

Boltwidth Ø	Width across flats	Max. Torques Curaflex® A 40 / C 40
M 5	8	2 Nm
M 6	10	5 Nm
M 8	13	7 Nm
M 10	17	15 Nm
M 12	19	18 Nm

LOAD CASES

NON-PRESSING WATER
CORRESPONDS TO STRESS CLASS 2 (WU-GUIDELINE), W1-E OR W3-E (DIN 18533)

PRESSING WATER
CORRESPONDS TO STRESS CLASS 1 (WU-GUIDELINE), W2-E OR W2.1-E (DIN 18533) OR W1-B TO W3-B (DIN 18535)

TESTS

RADON TIGHT

RADON TIGHT

EXAMPLE:
LEAK TEST WITH SPECIFICATION OF THE CERTIFICATE NO. AND THE TESTING INSTITUTE
>>> PAGE 12

EXAMPLE:
PROOF OF REQUIREMENTS ACCORDING TO FHRK TEST BASIS

FHRK-STANDARDS

BEISPIEL:
FHRK-STANDARD 20
>>> BASICS
SEALING SYSTEMS

DOYMA

DOUBLE PROFILE SYSTEM

INTEGRATED TORQUE LIMITER

DOYMA-GRIP

DOYMA DIAMETER EXTENSION

SOFT TIGHT SYSTEM

GUARANTEE PROMISE
ON ALL DOYMA PRODUCTS

PLUS X AWARD
AWARDS FOR DOYMA-PRODUCTS

25 years guarantee

on ALL DOYMA products.

CERTIFICATE

In addition to the legal rights of the customer, DOYMA will guarantee the proper functioning of your DOYMA product for 25 years from the date of purchase. The cut-off date of validity is 01/01/2007. If the DOYMA product nevertheless fails during this time due to a deficiency of the product and you suffer consequential damage as a result of the defect, DOYMA will:

- Replace the defective DOYMA product.
- Reimburse the necessary installation and removal costs up to a maximum amount of €10,000 upon prior consultation with DOYMA. DOYMA reserves the right to carry out the necessary work itself or have it carried out by a reliable third party, within the maximum amount.
- Reimburse up to a maximum sum of €100,000 in each case any damage to your property resulting from a deficiency of the DOYMA product, especially damage caused by water ingress, and the necessary repair work, especially any required drying, painting and masonry work, upon prior agreement with DOYMA, to the extent that the damages were foreseeable for DOYMA. DOYMA reserves the right to carry out the work required to eliminate the damage or have the work carried out by a reliable third party.

This warranty is valid only in the event that the DOYMA product is actually defective; it is not valid where the failure of the DOYMA product can be attributed to the fact that the product was installed or used contrary to generally recognised standards of good practice or contrary to our installation and usage guidelines. The warranty shall also not be applicable if the failure of the DOYMA product can be attributed to product damage caused by you. If you cannot refute a reasoned objection from DOYMA that one of the aforementioned grounds of exclusion is applicable, the warranty shall be considered void.

The warranty can only be asserted upon presentation of the invoice for the contested DOYMA product. Without this invoice it will not be possible to assert any rights from this warranty.

Please send this invoice together with your complaint to: *DOYMA GmbH & Co*
Industriestraße 43-57
28876 Oyten, Germany
Fax: +49 (0)4207 9166 199

The scope of validity of this warranty is limited to the territory of the European Union, the United Kingdom, Norway and Switzerland. If you purchased or used the DOYMA product outside the European Union, the United Kingdom, Norway or Switzerland, this warranty is not valid. In this case the customer is referred to applicable legal provisions. For all legal relationships between DOYMA and the customer under this warranty agreement, only the law applicable to the legal relationship of domestic parties at our domicile (German law) shall apply under exclusion of foreign law and of the UN Convention on the International Sale of Goods (CISG). For all disputes arising from this warranty, the exclusive place of jurisdiction is Oyten, Federal Republic of Germany.

Terms and conditions for returns

PREREQUISITE

1. Goods to be returned within max. six months of the date of purchase.
2. Returns must be sent to DOYMA as 'CARRIAGE PAID'.
3. Goods must be in perfect condition.

TERMS AND CONDITIONS

1. Returns **must be reported in writing** and confirmed in writing by DOYMA – returns that are not reported first will either be returned to the sender (carriage to be paid by you) or will be subject to an administrative fee of EUR 25 (in addition to the incurred costs of the return itself).
2. Advance freight charges – including pro rata – will be calculated.
3. You must state your VAT number.

CHARGES FOR PROCESSING RETURNS

A processing fee of min. €75.00 will be charged to cover the cost of goods handling, quality control, reworking and restoration of saleability in current form, packaging, etc. The listed costs apply to standard designs as per the applicable price list for the products in question.

PROCESSING FEES FOR THE PRODUCT RANGES

Product ranges	Product/type	Dimensions	Costs
Curaflex®	A, C, 3000, Nova Uno	Up to DN 350	25%
		Up to DN 500	35%
Quadro-Secura®*	–		25%
Curaflam®*	–		35%
DOYMAfix®**	–		30%
UGA/HKD/link chains*	–		50%

* Goods manufactured to order are excluded ** excl. expansion foam

NO RETURNS ACCEPTED

- For any product where a delivery note/order confirmation or invoice number has not been specified
- For custom solutions
- For products with a shelf life, such as varnish, filler, lubricants, expansion foam
- For cable conduits, gas house lead-ins, MIS, ADS, Quick-Types and the like
- For any types or dimensions not mentioned

Please send your written query to Export@doyma.de.

Subject to changes. Valid from 01/01/2024

General Terms and Conditions

§ 1 General/scope of validity

(1) Our terms and conditions of sale apply exclusively. They apply to all our offers, sales, deliveries and services. Insofar as the purchaser was not able to take note of them at the time the contract was concluded, they shall nevertheless apply if the purchaser was aware of or must have been aware of them from previous business transactions.
(2) We do not recognise any terms and conditions of business of the purchaser that contradict or deviate from our terms and conditions of sale. If we carry out the delivery or service required by us in knowledge of the purchaser's terms and conditions of business, we also do not acknowledge such terms and conditions of the purchaser which are not contradicted by our terms and conditions of sale.
(3) Our terms and conditions of sale shall only apply to commercial entities within the meaning of § 310 of the German Civil Code (BGB), i.e. not if the customer's order cannot be attributed to its commercial or self-employed professional activity (consumer in accordance with § 13 BGB).
(4) Verbal agreements have not been made. All future amendments to this contract must be made in writing or in text form in accordance with § 126b BGB (in particular by fax or email); this also applies to any agreement to waive the requirement for written arrangements. Our sales representatives are not authorised to waive this requirement verbally. Changes will therefore only become effective when they have been formally confirmed by the Management Board or Sales Management.

§ 2 Offer – conclusion of contract

(1) Our offers are subject to change without notice, unless otherwise specified.
(2) If the purchaser's order is an offer to conclude a contract, we may accept this offer within 10 days.
(3) We reserve all property rights and copyrights to illustrations, drawings, calculations and other documents. This applies in particular to such written documents which are designated as 'confidential'. Before passing them on to third parties, the purchaser must obtain our express consent in writing or text form in accordance with § 126b BGB (in particular by fax or email).

§ 3 Prices – terms of payment

(1) Unless otherwise agreed, all prices are quoted ex-warehouse or ex-works including the packaging. From a gross goods value of EUR 1250.00, our prices include free delivery within Germany. Freight, insurance, postage and all other agreed special or ancillary services will be charged additionally at reasonable prices. This shall also apply if the purchaser orders special packaging or shipment.
(2) Our employees are only entitled to collect payment if this has been confirmed in writing to the purchaser by our Management beforehand.
(3) Payment by the purchaser is due immediately. The purchaser shall be notified that it is in default of payment at the latest within 30 days upon receipt of the invoice. If the purchaser is late with payment, it is obliged to reimburse a fixed administrative fee of EUR 1.50 for each (further) reminder.
(4) The purchaser can only offset this if its counterclaims are legally established, undisputed or acknowledged by us.
(5) We are entitled to exercise a right of retention on account of all claims arising from the business relationship with the purchaser.

§ 4 Delivery – delivery time

(1) The commencement of the delivery period stated by us presupposes that all technical questions have been clarified and that the purchaser has fulfilled its obligations in a timely and proper manner. The defence of non-performance of the contract remains reserved.
(2) In the event of force majeure or disruption of operations occurring at our premises or our suppliers' premises, e.g. due to riots, strikes or lockouts, which temporarily prevent us from delivering the object of purchase on the agreed date or within the agreed deadlines at no fault of our own, the delivery times or delivery periods specified by us will be postponed for the duration of the disruption in performance caused by these circumstances. If a corresponding disturbance leads to a delay in performance of more than two months, the purchaser shall be entitled to withdraw from the contract.
(3) If the object of the contract is not a concrete object, we are obliged to deliver an object of average quality and type from the stipulated category. This obligation to procure such an item is limited to the stock in our warehouse or goods from our production plant. If we do not produce the stipulated goods or if we have not yet received them, we reserve the right to have our supplier take care of delivery. This shall apply mutatis mutandis in the event of a special purchase of goods which we have not yet received as property. We shall not be liable for any non-delivery by our supplier for which we are not responsible. This shall also apply in the event of a delay in delivery by our supplier for which we are not responsible.
(4) The manufacturer reserves the right to make design or shape changes, deviations in colour and changes to the scope of delivery during the delivery period, provided that the object of purchase is not significantly changed and the change is reasonable for the purchaser.
(5) We reserve the right to charge a surcharge for very small quantities.

§ 5 Delay in delivery

(1) We are liable for delays in accordance with legal provisions, provided
- the underlying purchase contract is a fixed transaction within the meaning of §§ 361 BGB and 376 of the German Commercial Code (HGB);
- the purchaser is no longer interested in the further performance of the contract following a delay in delivery for which we are at fault;
- the delay in delivery is the result of a wilful or grossly negligent breach of contract on our part, or on the part of our representatives or vicarious agents.

(2) We are liable in accordance with legal provisions, but said liability is limited to foreseeable, typical damages if
- the delay in delivery is the result of a wilful or grossly negligent breach of contract on our part;
- the delay in delivery is the result of a slightly negligent breach on our part of an essential contractual obligation.

(3) If our delay in delivery is only the result of a breach of a non-essential contractual obligation, for which we are at fault, the purchaser's claim is limited to 20% of the delivery value.

§ 6 Endangerment of the performance/insolvency

(1) If it becomes apparent to us after conclusion of the contract that the (further) fulfilment of the contract is endangered due to a lack of performance by the purchaser, we shall be entitled to refuse the provision of advance performance under this contract until the corresponding consideration has been effected by the purchaser or security has been provided for it.
(2) We shall be entitled to withdraw from the contract or to terminate it without notice if, despite a reasonable grace period for the provision of the corresponding counter-performance, the purchaser fails to provide the security on a performance upon counter-performance basis.
(3) If the purchaser is insolvent or over-indebted, the opening of insolvency or composition proceedings is applied for or opened against its assets, we are entitled to withdraw from the contract or to terminate it without setting a grace period.
(4) If we terminate or withdraw from the contract in accordance with paragraphs 2 or 3, we shall be entitled to claim damages from the purchaser instead of performance or reimbursement of expenses.

§ 7 Acceptance

(1) The purchaser is obliged to carry out the actions necessary for our fulfilment of the contract, in particular to accept the goods. If it violates this obligation and cannot prove that it is not at fault, it shall be obliged to reimburse us for the damage incurred in this respect, in particular additional expenses. We reserve the right to make further claims.
(2) If the purchaser defaults on acceptance of the object of purchase for more than 14 days from receipt of the notification of readiness for delivery or proper first delivery by us, we may grant the purchaser a grace period of 14 days with the declaration that we will reject acceptance of the object of purchase after expiry of this period.
After this grace period has elapsed, we shall be entitled to withdraw from the purchase contract by means of a written declaration or to demand performance for non-performance. The setting of a grace period is not necessary if the purchaser seriously and definitively refuses acceptance or is obviously unable to pay the purchase price even if a grace period is granted. In this case, we are entitled to demand lump-sum compensation of 10% of the agreed purchase price for lost profit. However, the purchaser reserves the right to prove that we have suffered no damages or less than that lump-sum amount. We also reserve the right to assert and produce evidence of higher damages.

§ 8 Shipment – transfer of risk

(1) Unless otherwise specified in the order confirmation, delivery 'ex-warehouse' or 'ex-works', i.e. EXW Oyten (Incoterms 2020), shall be agreed upon.
(2) We will not take back any packaging other than pallets and lattice boxes. The purchaser has the opportunity to have our packaging material disposed of in accordance with our agreement through Interseroh.
(3) Exchange pallets and lattice boxes which are not exchanged will be invoiced. Exchange pallets will be charged at net EUR 16.00 and box pallets at EUR 132.50 each.
(4) We will only take out transport insurance if this is contractually agreed. The corresponding costs shall be borne by the purchaser.
(5) We shall be entitled to make partial deliveries to a reasonable extent.

§ 9 General rules regarding defects of the purchased items

(1) All claims of the purchaser arising from defects depend on the fulfilment of the purchaser's obligations to inspect and report defects in accordance with § 377 HGB.
(2) Advertising statements of third parties are only binding for us if they have been approved by the manufacturer or us.
(3) If the purchaser fails to fully comply with our or the manufacturer's operating or maintenance instructions, or the purchaser makes changes to the products, replaces parts or uses consumables that do not correspond to the original specifications, the warranty shall be void if the purchaser does not refute a substantiated claim that at least one of these circumstances has caused the defect.
(4) Moreover, our warranty terms and conditions shall apply.

§ 10 Subsequent performance

(1) If the item is defective, the purchaser shall initially only have the right to demand subsequent performance from us, provided that the subsequent performance is not unreasonable for us or we have seriously and finally refused it.
(2) Subsequent performance may consist of a new delivery of the item or rectification (repair) by us or a third party engaged by us. In each case, we shall be obliged to bear all expenses necessary for the purpose of remedying the defect, in particular transport, travel, labour and material costs, insofar as these have not been increased by the fact that the object of purchase has been brought to a place other than the place of performance. In case of a new delivery, the purchaser must bear the costs for a dismantling and installation of the purchased item if the purchaser is a commercial entity.
(3) We shall be entitled to choose between the various types of subsequent performance at our reasonable discretion (§ 315 BGB). In any case, we shall be entitled to refuse a type of subsequent performance selected by the purchaser if the other type of subsequent performance results in 15% lower costs for us. The remaining residual value of the item returned in the case of a new delivery shall be credited against this.
(4) We shall be entitled to provide the subsequent performance dependent on an appropriate share of the purchase price having been paid. We shall also be entitled to refuse subsequent performance if the costs thereof exceed the stipulated purchase price. If we are at fault for the defect, or if we have officially guaranteed the absence of the defect, we can only refuse subsequent performance if its costs exceed the stipulated purchase price by one third. The remaining residual value of the item returned in the case of a new delivery shall be credited against this.
(5) Any subsequent performance by us shall be conducted without recognition of a legal obligation, unless we have expressly acknowledged the defect. Our technicians or fitters are not authorised to acknowledge a defect.
(6) If a concrete object is the subject matter of this contract, we are entitled to repair it, if a repair by us or a third party engaged by us is possible. We shall also be entitled to subsequently deliver an item other than the stipulated item if it is just as suitable for the purchaser's contractual purposes as the stipulated item. If used goods are the subject matter of this contract, the purchaser (if it is a commercial entity) shall be obliged to inspect them immediately for visible defects. If the purchaser does not report such defects within three weeks of handover, the purchaser shall not be entitled to assert any rights based on identifiable defects, if the purchaser does not prove that the defect already existed at the time of handover.

§ 11 Additional rights in case of defects

(1) If the subsequent performance pursuant to § 440 BGB has failed, the purchaser may assert the rights from § 437 No. 2 BGB (rescission or reduction) or § 437 No. 3 BGB (compensation for damages or reimbursement of expenses) at its discretion and in compliance with the provisions of §§ 10, 11, 12 and 13 of these General Terms and Conditions of Sale.
(2) The purchaser is not entitled to claim damages in accordance with § 280 Para. 1 BGB in the case of insignificant defects of the goods. The right to a reduction of the purchase price is also excluded in the case of minor defects.

§ 12 Statute of limitation for claims arising from defects

(1) The purchaser's claims arising from defects of the item shall lapse after five years upon delivery of the item. This shall also apply to the purchaser's rights to compensation for damages or damages in lieu of performance, including those for all damages to other legal assets of the purchaser which have arisen through the defect, unless this concerns damage to the purchaser's life, body or health, or unless we are responsible for the defect due to wilful intent or gross negligence.
(2) If the subject matter of this contract also includes rights, the limitation period for the purchaser's claims arising from defects shall commence with the agreement of the contracting parties on the transfer of these rights to the purchaser.

§ 13 Cancellation and compensation for damages instead of performance due to a breach of duty

(1) A period of time set by the purchaser for subsequent performance must be at least 14 days, unless the subsequent performance must be provided within a shorter period of time for special reasons.
(2) Even after the unsuccessful expiry of a reasonable grace period, the purchaser shall only have the right to withdraw from the contract or to demand compensation for damages instead of performance if it has announced this beforehand when setting the grace period or any other reasonable period of time.
(3) If the purchaser sets multiple deadlines for subsequent performance, the purchaser shall not be entitled to withdraw from the contract or demand compensation for damages in lieu of performance during the respective time period.

§ 14 Returns

(1) Returns and/or exchange of defect-free goods is only possible if we have expressly agreed to this. There is no legal obligation to take back the goods. Return deliveries and return shipments intended for exchange must be delivered to our registered office as quickly as possible at the expense of the purchaser, including any advance freight charges paid by us, and the delivery note or invoice number must be specified. The purchaser shall bear the risk for this until the goods are accepted. We are entitled to charge administrative fees or to refuse the return. The minimum processing fee for returns is EUR 75.00 net. If special expenses are necessary in order to identify the returned goods or restore them to perfect condition (repairs, cleaning, etc.), we are entitled to charge any arising costs to the purchaser.
(2) The purchaser is obliged to give us advance notice of any returns. If the purchaser violates this obligation, it shall be liable for any damage resulting from this. We reserve the right to return unreported return deliveries unprocessed and at the purchaser's expense, or even refuse acceptance of such deliveries. Returns must be reported in writing or in text form in accordance with § 126b BGB (in particular by fax or email) and confirmed in writing by DOYMA – returns that are not reported first will either be returned to the sender (carriage to be paid by you) or will be subject to an administrative fee of EUR 25 (in addition to the incurred costs of the return itself).

§ 15 Liability

(1) We shall not be liable for slightly negligent breaches of duty, insofar as these do not concern essential contractual obligations, or if we have assumed a guarantee for the fulfilment of this obligation or for the success which did not occur due to the breach of duty. This also applies to corresponding actions of our subsidiaries and vicarious agents.
(2) This exclusion of liability shall not apply if the damage consists of injury to life, limb or health or if claims arising from the German Product Liability Act or claims arising from data protection regulations (in particular the EU General Data Protection Regulation, the German Federal Data Protection Act) are affected.
(3) We have business liability and product liability insurance. Insofar as this occurs, the exclusion of liability in accordance with Section 1 of this paragraph does not apply with the provision that the claim for damages is not limited to a maximum total of EUR 1,500,000 in each individual case.
(4) Any claims for damages on the part of the purchaser arising from a grossly negligent breach of duty or from a grossly negligent act on our part shall be limited to the damage foreseeable for us.
(5) The Sections 1 to 4 of this paragraph shall apply mutatis mutandis to offences committed by our employees and vicarious agents.

§ 16 Retention of title

(1) We reserve title to the purchased item until all payments arising from the delivery contract have been received. In the event of a breach of contract on the part of the purchaser, in particular in the event of a delay in payment, we shall be entitled to seize the object of purchase after the unsuccessful expiry of a grace period (if this is not dispensable under the applicable law). The reclaiming of possession regarding the object of sale by us shall constitute a withdrawal from the contract. After taking back the object of sale, we shall be entitled to sell the object of sale at our discretion. The proceeds from the sale shall be offset against the purchaser's liabilities – less the reasonable sales costs.
(2) The purchaser shall be obliged to treat the object of sale with care. In particular, it shall be obliged to insure the object of sale at its own expense against fire, water damage and theft to a sufficient extent of the replacement value. Insofar as maintenance and inspection work is required, the purchaser must carry this out in good time and at its own expense.
(3) In the event of seizures or interventions by third parties, the purchaser must inform us immediately in writing or text form so that we can take legal action in accordance with § 771 of the German Civil Code (ZPO). Insofar as the third party is not in a position to reimburse us for the judicial and extra-judicial costs of a lawsuit in accordance with § 771 ZPO, the purchaser shall be liable for the loss incurred by us.
(4) The purchaser shall be entitled to resell the object of sale in the ordinary course of business; however, it shall immediately assign all claims to us in the amount of the final invoice amount (including VAT) of our claim accruing for it from the resale against its purchasers or third parties, irrespective of whether the object of sale has been resold without or after processing. The purchaser shall remain authorised to collect this claim even after the assignment. Our authority to collect the claim ourselves remains unaffected by this. However, we undertake not to collect the claim as long as the purchaser fulfils its payment obligations from the collected proceeds, is not late with payments and, in particular, as long as no petition for the opening of settlement or insolvency proceedings has been filed, or payments have been suspended. If this is the case, however, we shall be entitled to demand that the purchaser notifies us of the assigned claims and the respective debtors, provides us with all information necessary for collection, hands over the associated documents and notifies the debtors (third parties) of the assignment.
(5) The processing or transformation of the object of sale by the purchaser shall always be carried out on our behalf. If the object of sale is processed with other objects not belonging to us, we shall acquire co-ownership of the new object in the ratio of the value of the object of sale (final invoice amount, including VAT) to the other processed objects at the time of processing. In all other respects, the same shall apply to the item created by processing as to the object of sale delivered under reservation of title.
(6) If the object of sale is inseparably combined with other objects not belonging to us, we shall acquire co-ownership of the new object in proportion to the value of the object of sale (final invoice amount, including VAT) to the other combined objects at the time of combination. If the combination is carried out in such a way that the purchaser's item is to be regarded as the main item, it shall be deemed to have been agreed that the purchaser shall transfer co-ownership to us for the respective share. The purchaser shall keep the sole ownership or co-ownership thus created in safe custody for us.
(7) The purchaser shall also assign to us the claims to secure our claims against it, which arise against a third party as a result of the combination of the purchased item with real estate.
(8) We shall be committed to release the securities to which we are entitled at the purchaser's request insofar as the realisable value of our securities exceeds the claims to be secured by more than 10%. The selection of the securities to be released shall be at our discretion.

§ 17 Place of jurisdiction – place of performance – data protection

(1) If the purchaser is a merchant, our place of business shall be the place of jurisdiction. However, we shall also be entitled to sue the purchaser at its residential or business domicile court.
(2) In the case of cross-border deliveries, the exclusive place of jurisdiction for all disputes arising directly or indirectly from the contractual relationship shall be Oyten, Federal Republic of Germany, insofar as the purchaser is a merchant within the meaning of the German Commercial Code. However, we are also entitled to sue the purchaser at any other court which is competent under the Brussels Regime, or under other legal provisions and international conventions.
(3) If the purchaser is a consumer, the statutory place of jurisdiction shall apply. However, the court at our place of business shall also have additional jurisdiction if the consumer has an unclear place of residence, or has moved abroad after the conclusion of the contract.
(4) Unless otherwise specified in the order confirmation, our place of business is the place of performance.
(5) For all legal relationships between us and the purchaser under this contract, only the law governing the legal relationships of domestic parties at our registered office (German law) shall apply, under exclusion of any foreign law. The validity of the UN Convention on Contracts for the International Sale of Goods (CISG) is excluded.
(6) Please note our data protection statement, which we have provided for you on our website https://www.doyma.com/privacy-policy under 'Privacy policy'.

Oyten, last updated January 2024

25 years guarantee

DOYMA is the first company on the building penetration technology market to offer a warranty that goes far beyond legal requirements. This extraordinary warranty promise is based on decades of practical experience. Benefit from our warranty services:

- Replacement of the product in case of damage
- Up to €10,000 to cover the costs of installation and removal
- Up to €100,000 to cover the costs of damages incurred

WE WILL BE HAPPY TO ADVISE !

GERMANY

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Each of our three sales territories is supported by a competent, highly motivated team.

Do you need support or have any questions about our product product ranges?

Then contact us.

YOU CAN FIND ALL CONTACT PERSONS FOR THE INDIVIDUAL TEAMS AT:

https://www.doyma.com/company/contact-persons

MEMBERSHIPS:

AGFW · bvfa · FSK · DIN · DVGW · FHRK · bwp · ifo

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