

◎ Sealing inserts

Rubber press seals (GPD) |
Annular sealings (RRD)



© Sealing inserts

Rubber press seals (GPD) and annular sealings (RRD)



Seals reliably to keep them gas-tight and watertight. during or after installation

Whether in core drillings made of waterproof concrete, wall sleeves or cable entries, with our sealing inserts, you are equipped for all applications. They seal cables and pipes quickly and reliably against gas and pressing water and protect them at the same time – against rodent damage, for example. Press plates and an elastomer element in between are pressed together for this purpose. The resulting pressure seals cables and pipes permanently. We use welded-on bolts, which enables

us to guarantee 100 per cent leak-tightness even under high water pressure. As pipes are not usually installed straight, they can still be angled by up to 8° even with the sealing inserts. This allows them to compensate for building subsidence, for example. With our sealing inserts, you remain flexible: they can be removed and can therefore be refitted at a later date.

Rubber press seals: For securely sealed cables

Our rubber press seals (GPD) seal all common core bore diameters and inner casing diameters. The GPDs are available with multilayer technology, interchangeable insert or completely customised sizes.

Multilayer technology allows you to select the cable diameter as required. Simply remove as many rubber elements as necessary. A major advantage over similar systems on the market is that the base body of our seal and the multilayer inserts are separate, making them easier to install. With our seals with interchangeable inserts, you can even change the assignment after installation. This allows you to seal cables and pipes in a variety of ways.

We only use high-quality materials for our customised rubber press seals: all metal parts are made of stainless steel and the rubber sealing elements are made of EPDM. On request, we can also use NBR, EPDM, silicone or FPM rubber approved for drinking water.

Annular sealings: For securely sealed pipes

You can seal pipes quickly and reliably with our annular sealings (RRD). RRDs are gas- and watertight and suitable for all common smooth-walled and corrugated media pipes for sealing in a core drilling in waterproof concrete (BKL-1 and -2) or a wall sleeve.

Our RRDs are available for smooth-walled and corrugated pipes in various sealing widths (20/40/60) with segmented stainless steel press plates. This allows you to split the press plates at a later date in order to fit them to pipes that have already been laid.

A special feature of our RRD for corrugated pipes is that an integrated support ring stabilises the shape of the pipe during installation – it thus acts as additional tear-out protection.



Some of our sealing inserts – both rubber press seals and annular sealings – can be ordered as blind plugs. These can be used, for example, to seal core drillings or uncovered wall sleeves to keep them gas-tight and watertight. An overview of these inserts can be found at the end of this brochure on **page 23**.

Beneficial features of our inserts

- Leak-tight against pressing water and gas, e.g. radon-tight
- Sound-insulating
- Rodent protection
- Absorption of small axial movements
- Can accommodate an angle of up to 8°
- Can be dismantled: reassignment possible

© Rubber press seals

Customised

The seal for every application

Freely select the outer and inner diameter dimensions – customised to the millimetre. Whether square, oval or round: there is nothing that does not exist. This GPD is available in various gasket widths (30/60/90 mm), as well as in closed and split versions (for retrofitting).



Product name:
GPD(A)/G/30/V2A/EPDM (Z)x(D)

Rubber press seal GPD 30 mm, split

30 mm GPD rubber press seal in a split version for sealing cables or pipes that have already been laid. Assembly is also possible after the installation work. The GPD comes in a wide range of variants for every area of application. We guarantee you a reliable and durable seal.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design ensures reliable sealing in all kinds of cable and pipe situations
- High-quality workmanship due to stud welding



FHRK



2.5 bar



30 mm



Product name:
GPD(A)/60/V2A/EPDM (Z)x(D)

Rubber press seal GPD 60 mm, closed

60 mm GPD rubber press seal in a non-split version for sealing cables or pipes. Assembly is only possible during installation work. The GPD comes in a wide range of variants for every area of application. We guarantee you a reliable and durable seal.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design ensures reliable sealing in all kinds of cable and pipe situations
- High-quality workmanship due to stud welding



FHRK



5 bar



60 mm



Product name:
GPD(A)/30/V2A/EPDM (Z)x(D)

Rubber press seal GPD 30 mm, closed

30 mm GPD rubber press seal in a non-split version for sealing cables or pipes. Assembly is only possible during installation work. The GPD comes in a wide range of variants for every area of application. We guarantee you a reliable and durable seal.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design ensures reliable sealing in all kinds of cable and pipe situations
- High-quality workmanship due to stud welding



FHRK



2.5 bar



30 mm



Product name:
GPD(A)/30/V2A/EPDM 1x(D)

Rubber press seal GPD 30 mm, closed

30 mm GPD rubber press seal in a non-split version for sealing cables or pipes. Assembly is only possible during installation work. The GPD comes in a wide range of variants for every area of application. We guarantee you a reliable and durable seal.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design depending on the diameter of the cable or pipe
- High-quality workmanship due to stud welding



FHRK



2.5 bar



30 mm



Product name:
GPD(A)/G/60/V2A/EPDM (Z)x(D)

Rubber press seal GPD 60 mm, split

60 mm GPD rubber press seal in a split version for sealing cables or pipes that have already been laid. Assembly is also possible after the installation work. The GPD comes in a wide range of variants for every area of application. We guarantee you a reliable and durable seal.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design ensures reliable sealing in all kinds of cable and pipe situations
- High-quality workmanship due to stud welding



FHRK



5 bar



60 mm



According to your wishes – in shape and size

Whether a different outer or inner diameter, whether square, round or oval – we are happy to manufacture the rubber press seals (GPD) according to your requirements. An eccentric arrangement of the entry is also possible. You can also find further examples in our customised solutions brochure. If you have any questions, please contact us!

Legend:



Tested by ...



Gas- and watertight up to ... bar



Sealing width from ... mm

© Rubber press seals

Customised



Product name:
GPD(A)/G/30/V2A/EPDM 1x(D)

Rubber press seal GPD 30 mm, split

30 mm GPD rubber press seal in a split version for sealing an already installed cable or pipe. Assembly is also possible after the installation work. The GPD comes in a wide range of variants for every area of application. We guarantee you a reliable and durable seal.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design depending on the diameter of the cable or pipe
- High-quality workmanship due to stud welding



FHRK



2.5 bar



30 mm



Product name:
GPD(A)/60/V2A/EPDM 1x(D)

Rubber press seal GPD 60 mm, closed

60 mm GPD rubber press seal in a non-split version for sealing cables or pipes. Assembly is only possible during installation work. The GPD comes in a wide range of variants for every area of application. We guarantee you a reliable and durable seal.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design depending on the diameter of the cable or pipe
- High-quality workmanship due to stud welding



FHRK



5 bar



60 mm



Product name:
GPD(A)/G/60/V2A/EPDM 1x(D)

Rubber press seal GPD 60 mm, split

60 mm GPD rubber press seal in a split version for sealing an already installed cable or pipe. Assembly is also possible after the installation work. The GPD comes in a wide range of variants for every area of application. We guarantee you a reliable and durable seal.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design depending on the diameter of the cable or pipe
- High-quality workmanship due to stud welding



FHRK



5 bar



60 mm

© Rubber press seals

with interchangeable inserts



The seal for every moment

Our rubber press seals with split interchangeable inserts ensure maximum flexibility. The rubber press seal, which is also split, can be fitted regardless of the subsequent assignment. The interchangeable insert is chosen according to cable or pipe assignment. You can change the assignment at any time by replacing the interchangeable insert. Cost-effective advantage: the number of holes does not affect the price of the interchangeable insert.



Product name:
GPD93/G/60/WE50/V2A/EPDM (Z)x(D)
GPD100/G/60/WE65/V2A/EPDM (Z)x(D)
GPD125/G/60/WE85/V2A/EPDM (Z)x(D)
GPD137/G/60/WE85/V2A/EPDM (Z)x(D)
GPD150/G/60/WE110/V2A/EPDM (Z)x(D)
GPD200/G/60/WE125/V2A/EPDM (Z)x(D)

Rubber press seal GPD 60 mm with interchangeable insert

60 mm GPD rubber press seal with interchangeable insert in a split version for cables or pipes that have already been laid. Assembly is also possible after installation work. This GPD is easy to install thanks to a precisely fitting hole around the GPD base body.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 100 mm to 200 mm
- Retrofitting and/or reserve holes in the interchangeable insert
- Availability in a wide range of standard variants
- No surcharge on drilling



FHRK



2 bar



60 mm



Product name:
GPD-CV93/G/60/WE50/V2A/EPDM (Z)x(D)
GPD-CV137/G/60/WE85/V2A/EPDM (Z)x(D)

Rubber press seal GPD 60 mm with CV connector

60 mm GPD rubber press seal with CV connector in a split version for retrofitting to exposed corrugated pipes. Assembly is also possible after the installation work. Supplied with a drill plug for use as a blind plug. Suitable for exposed corrugated pipes with an outer diameter (OD) of 110 mm and corrugated pipes with an OD of 160 mm.

- The only tested combination product that is suitable for retrofitting to exposed corrugated pipes
- High flexibility thanks to (subsequently) individually assignable interchangeable insert
- No surcharge for additional boreholes



LGA Building Technology



0.5 bar



60 mm



Did you know that...

... the difference between V2A and V4A stainless steel lies in the composition? Both consist of chromium, nickel and steel. However, V4A stainless steel also contains molybdenum, which makes it particularly resistant to salt water, chlorine and chemicals. All of our sealing inserts are available in both variants – to suit your requirements!

Legend:



Tested by ...



Gas- and watertight up to ... bar



Sealing width from ... mm

© Rubber press seals

with multilayer technology

The seal for every situation

Seal cables and pipes of any size with precision – our tried-and-tested multilayer technology allows you to select the cable diameter as required. Simply remove as many rubber elements as you need to achieve the desired diameter. If you do not want to cover a hole or blind seal a core drilling, leave the rubber parts in the seal.



Product name:
 GPD80/G/40/ZS/V2A/EPDM 1x(4-32)
 GPD80/G/40/ZS/V2A/EPDM 2x(4-25)
 GPD80/G/40/ZS/V2A/EPDM 3x(4-20)

Rubber press seal GPD 40 mm with multilayer technology GPD80-ZS

Split version for cables or pipes that have already been laid. The cable diameters are infinitely variable: remove individual rubber elements until the desired diameter is reached.

- Multilayer technology in 3 variants for customised adaptation to cable and pipe situations
- Multilayer inserts also act as flexible placeholders for later installation
- Two metal tabs protect against slipping and serve as a mounting aid
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve with an inner diameter of 80 mm



Lloyd's Register



2 bar



40 mm



Product name:
 GPD100/G/40/ZS/V2A/EPDM 1x(22-54)
 GPD100/G/40/ZS/V2A/EPDM 1x(20-65)
 GPD100/G/40/ZS/V2A/EPDM 3x(4-32)
 GPD100/G/40/ZS/V2A/EPDM 2x(4-32)+2x(4-25)
 GPD100/G/40/ZS/V2A/EPDM 2x(4-32)+3x(4-20)
 GPD100/G/40/ZS/V2A/EPDM 8x(4-20)

Rubber press seal GPD 40 mm with multilayer technology GPD100-ZS

Split version for cables or pipes that have already been laid. The cable diameters are infinitely variable: remove individual rubber elements until the desired diameter is reached.

- Multilayer technology in 6 variants for customised adaptation to cable and pipe situations
- Multilayer inserts also act as flexible placeholders for later installation
- Two metal tabs protect against slipping and serve as a mounting aid
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve with inner diameter 100 mm



Lloyd's Register



2 bar



40 mm



Product name:
 GPD125/G/40/ZS/V2A/EPDM 1x(22-54)
 GPD125/G/40/ZS/V2A/EPDM 3x(4-32)
 GPD125/G/40/ZS/V2A/EPDM 6x(4-25)
 GPD125/G/40/ZS/V2A/EPDM 10x(4-20)

Rubber press seal GPD 40 mm with multilayer technology GPD125-ZS

Split version for cables or pipes that have already been laid. The cable diameters are infinitely variable: remove individual rubber elements until the desired diameter is reached.

- Multilayer technology in 4 variants for customised adaptation to cable and pipe situations
- Multilayer inserts also act as flexible placeholders for later installation
- Two metal tabs protect against slipping and serve as a mounting aid
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve with inner diameter 125 mm



Lloyd's Register



2 bar



40 mm



Product name:
 GPD150/G/40/ZS/V2A/EPDM 3x(22-54)
 GPD150/G/40/ZS/V2A/EPDM 6x(4-32)
 GPD150/G/40/ZS/V2A/EPDM 9x(4-25)
 GPD150/G/40/ZS/V2A/EPDM 1x(22-75)
 GPD150/G/40/ZS/V2A/EPDM 1x(75-110)
 GPD150/G/40/ZS/V2A/EPDM 4x(4-32)+6x(4-20)

Rubber press seal GPD 40 mm with multilayer technology GPD150-ZS

Split version for cables or pipes that have already been laid. The cable diameters are infinitely variable: remove individual rubber elements until the desired diameter is reached.

- Multilayer technology in 6 variants for customised adaptation to cable and pipe situations
- Multilayer inserts also act as flexible placeholders for later installation
- Two metal tabs protect against slipping and serve as a mounting aid
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve with inner diameter 150 mm



Lloyd's Register



2 bar



40 mm



Product name:
 GPD160/G/40/ZS/V2A/EPDM 3x(22-54)
 GPD160/G/40/ZS/V2A/EPDM 6x(4-32)
 GPD160/G/40/ZS/V2A/EPDM 9x(4-25)
 GPD160/G/40/ZS/V2A/EPDM 4x(4-32)+6x(4-20)

Rubber press seal GPD 40 mm with multilayer technology GPD160-ZS

Split version for cables or pipes that have already been laid. The cable diameters are infinitely variable: remove individual rubber elements until the desired diameter is reached.

- Multilayer technology in 4 variants for customised adaptation to cable and pipe situations
- Multilayer inserts also act as flexible placeholders for later installation
- Two metal tabs protect against slipping and serve as a mounting aid
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve with inner diameter 160 mm



Lloyd's Register



2 bar



40 mm



A personalised multilayer

As usual, our multilayer inserts are available in our tried-and-tested standard sizes. Alternatively, we can also plan them individually according to your requirements – accurate to the millimetre and a perfect fit. Please feel free to contact us!

Legend:



Tested by ...



Gas- and watertight up to ... bar



Sealing width from ... mm

© Rubber press seals

Customised with multilayer technology



Product name:

GPD200/G/40/ZS/V2A/EPDM 3x(22-54)
+4x(4-25)+3x(4-20)

Rubber press seal GPD 40 mm with GPD200-ZS multilayer technology

Split version for cables or pipes that have already been laid. The cable diameters are infinitely variable: remove individual rubber elements until the desired diameter is reached.

- Multilayer technology in 1 variant for customised adaptation to cable and pipe situations
- Multilayer inserts also act as flexible placeholders for later installation
- Two metal tabs protect against slipping and serve as a mounting aid
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve with inner diameter 200 mm



Lloyd's Register



2 bar



40 mm

© Rubber press seals

Combination and special application products



Product name:

GPD-VS(A)/G/60/V2A/EPDM (Z)x(D)

Rubber press seal Very Small GPD-VS 60 mm

Split version for cables or pipes that have already been laid. Assembly is also possible after the installation work.

This GPD provides a durable and reliable seal for very small cables. Especially for small core drillings, full drillings or wall sleeves with a small inner diameter (< 50 mm).

- Hexagon socket screws make assembly easier with this small product
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 20 mm to 50 mm
- Customised press plate design ensures reliable sealing in all kinds of cable and pipe situations



MFPA Leipzig



2.5 bar



60 mm



Product name:

GPD(A)/60/F/V2A/EPDM 1x(D)

Rubber press seal GPD 60 mm with overlapping flange, closed

Non-split version for sealing a cable or pipe. Assembly is only possible during installation work. The GPD comes in a wide range of variants for every area of application.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design depending on the diameter of the cable or pipe
- High-quality workmanship due to stud welding
- Overlapping flange for easier installation and a level finish to the wall



FHRK



5 bar



60 mm



Customised solutions – customised components

Customised production: For difficult installation situations, we at UGA develop customised products for you. With our customised parts, we ensure that your building is protected from water and gas ingress, even if the circumstances appear challenging. To do this, we take a close look at the problem. We come to your construction site, consult with your experts and take measurements. We then deliver a customised solution – exactly on schedule. You will find more information behind the by scanning the QR code with your mobile phone.



As specialised as your project

No challenge is too great for us: our combination and special application products are proof of UGA's versatility. One example is our GPD-VS: it very tightly and reliably seals small cables even after installation. It is also used for laying fibre optic cables in the GPD-FtH product set.. The highlight: this little helper makes the use of foam or epoxy resins superfluous. Find out more in our brochure on house lead-ins.

Legend:



Tested by ...



Gas- and watertight up to ... bar



Sealing width from ... mm

© Rubber press seals

Combination and special application products



Product name:
GPD(A)/G/60/F/V2A/EPDM 1x(D)

Rubber press seal GPD 60 mm with overlapping flange, split

Split version for sealing an already installed cable or pipe. Assembly is also possible after the installation work. The GPD comes in a wide range of variants for every area of application.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design depending on the diameter of the cable or pipe
- High-quality workmanship due to stud welding
- Overlapping flange for easier installation and a level finish to the wall



FHRK



5 bar



60 mm



Product name:
GPD(A)/60/F+L/W(1/2)/V2A/EPDM 1x(D)

Rubber press seal GPD 60 mm with fixed and loose flange, closed

Non-split version for sealing a cable or pipe. Assembly is only possible during installation work. The GPD comes in a wide range of variants for every area of application.

- GPD with integrated fixed/loose flange construction for sheet and liquid waterproofing materials
- For the black trough load case for non-pressing water (W1: in accordance with DIN 18533 W1.1-E, DIN 18533 W1.2-E) and pressing water (W2: DIN 18533 W2.1-E, DIN 18533 W2.2-E)
- High degree of customisation when adapting the diameters
- High flexibility, even when retrofitting



FHRK



5 bar



60 mm



Product name:
GPD(A)/60/F/V2A/EPDM (Z)x(D)

Rubber press seal GPD 60 mm with overlapping flange, closed

Non-split version for sealing cables or pipes. Assembly is only possible during installation work. The GPD comes in a wide range of variants for every area of application.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design enables sealing in numerous cable and pipe situations
- High-quality workmanship due to stud welding



FHRK



5 bar



60 mm



Product name:
GPD(A)/60/KF/W1/V2A/EPDM 1x(D)

Rubber press seal GPD 60 mm with adhesive/levelling flange, closed

Non-split version for sealing a cable or pipe. Assembly is only possible during installation work. The GPD comes in a wide range of variants for every area of application.

- GPD with integrated adhesive flange for liquid sealing materials
- For the black trough load case for non-pressing and moderately pressing water in accordance with DIN 18533 W1.1-E, DIN 18533 W1.2-E and DIN 18533 W2.1-E
- High degree of customisation when adapting the diameters
- High flexibility, even when retrofitting



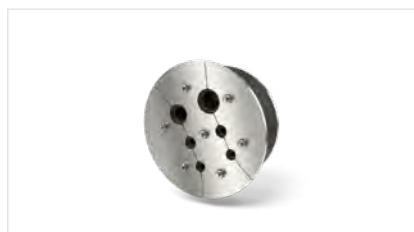
FHRK



2.5 bar



60 mm



Product name:
GPD(A)/G/60/F/V2A/EPDM (Z)x(D)

Rubber press seal GPD 60 mm with overlapping flange, split

Split version for sealing cables or pipes. Assembly is also possible after the installation work. The GPD comes in a wide range of variants for every area of application.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design enables sealing in numerous cable and pipe situations
- High-quality workmanship due to stud welding
- High flexibility, even when retrofitting



FHRK



5 bar



60 mm

Quality tested – guaranteed!

We know how important safe house lead-ins are. They can prevent serious consequential damage and even reduce running costs. That's why many of our products have been tested by the FHRK (German association for pipe and cable building lead-ins). You can find out more using the QR code – simply scan it with your mobile phone.



Legend:



Tested by ...



Gas- and watertight up to ... bar



Sealing width from ... mm

© Rubber press seals

Combination and special application products



Trapezoidal sheet metal roof entry TDD 30 mm

Non-split version for sealing in a variety of cable situations. Suitable for standard circular hole saw diameters of 86 mm, 102 mm, 127 mm and 152 mm. The product has been specially developed to achieve a seal on containers and trapezoidal sheet metal roofs.

- Sealing insert for sheet metal and trapezoidal sheet metal
- Suitable for standard circular hole saw diameters
- Retrofitting and/or reserve holes in the interchangeable insert
- Overlapping flange with integrated foam rubber for easier installation

Product name:

TDD86/30/F/WE/V2A/EPDM (Z)x(D)
 TDD102/30/F/WE/V2A/EPDM (Z)x(D)
 TDD127/30/F/WE/V2A/EPDM (Z)x(D)
 TDD152/30/F/WE/V2A/EPDM (Z)x(D)



0.5 bar



30 mm



GPD 90 mm closed

Non-split version for sealing cables and pipes. Assembly is only possible during installation work. The GPD comes in a wide range of variants for every area of application.

- Maximum safety thanks to 90 mm rubber to accommodate various factors such as strong vibrations or very high loads
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design ensures reliable sealing in all kinds of cable and pipe situations
- High-quality workmanship due to stud welding

Product name:

GPD(A)/90/V2A/EPDM (Z)x(D)



FHRK



5 bar



90 mm



GPD 90 mm split

Split version for sealing cables or pipes that have already been laid. Assembly is also possible after the installation work. The GPD comes in a wide range of variants for every area of application.

- Maximum safety thanks to 90 mm rubber to accommodate various factors such as strong vibrations or very high loads
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Customised press plate design ensures reliable sealing in all kinds of cable and pipe situations
- High-quality workmanship due to stud welding

Product name:

GPD(A)/G/90/V2A/EPDM (Z)x(D)



FHRK



5 bar



90 mm



Rubber press seal GPD 90 mm 2in1 with two pressing stages

Non-split version for retrofitting a cable protection conduit. In the first stage, a cable protection conduit is connected from the inside or outside and can be crimped. The product has an interchangeable insert in pressing stage 2, which acts as a blind plug. As soon as cables are laid, a customised interchangeable insert can be ordered and tightened with the second pressing stage.

- Both sides can be pressed individually using two independent pressing stages
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve in standard sizes
- No additional costs due to further drilling



2 bar

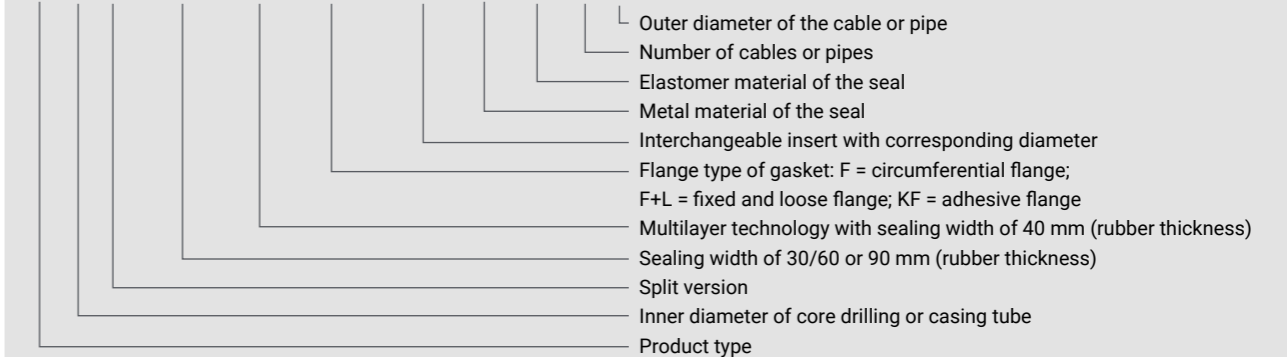


90 mm

Product index

Product index for GPD seals (examples)

GPD(A)/(G)/(30/60/90)/(ZS)/(F/F+L/KF)/WE(A1)/V2A/EPDM/(Z)x(D)



Legend:



Tested by ...



Gas- and watertight up to ... bar



Sealing width from ... mm

© Rubber press seals

Combination and special application products

Maximum occupancy table GPD individual (examples)

GPD OD (A)	Maximum cable/pipe diameter				Order number split GPD with 60 mm EPDM
	Z = 1	Z = 3	Z = 5	Z = 9	
60 mm	up to 34 mm	up to 20 mm	up to 12 mm	up to 8 mm	GPD60/G/60/(Z)x(D)
80 mm	up to 45 mm	up to 25 mm	up to 16 mm	up to 12 mm	GPD80/G/60/(Z)x(D)
100 mm	up to 66 mm	up to 30 mm	up to 22 mm	up to 15 mm	GPD100/G/60/(Z)x(D)
125 mm	up to 87 mm	up to 40 mm	up to 35 mm	up to 22 mm	GPD125/G/60/(Z)x(D)
150 mm	up to 112 mm	up to 50 mm	up to 40 mm	up to 28 mm	GPD150/G/60/(Z)x(D)
200 mm	up to 162 mm	up to 70 mm	up to 60 mm	up to 43 mm	GPD200/G/60/(Z)x(D)
250 mm	up to 212 mm	up to 85 mm	up to 70 mm	up to 50 mm	GPD250/G/60/(Z)x(D)
300 mm	up to 260 mm	up to 119 mm	up to 90 mm	up to 68 mm	GPD300/G/2/(Z)x(D)
350 mm	up to 300 mm	up to 141 mm	up to 110 mm	up to 80 mm	GPD350/G/2/(Z)x(D)
400 mm	up to 350 mm	up to 166 mm	up to 125 mm	up to 90 mm	GPD400/G/2/(Z)x(D)
450 mm	up to 400 mm	up to 188 mm	up to 146 mm	up to 104 mm	GPD450/G/2/(Z)x(D)
500 mm	up to 450 mm	up to 212 mm	up to 163 mm	up to 120 mm	GPD500/G/2/(Z)x(D)

Maximum assignment table GPD with interchangeable insert (examples)

GPD OD (A)	Maximum cable/pipe diameter			Order number split GPD against pressing water
	Z = 3	Z = 5	Z = 9	
100 mm	up to 22 mm	up to 17 mm	up to 12 mm	GPD100/G/60/WE65/(Z)x(D)
125 mm	up to 30 mm	up to 24 mm	up to 16 mm	GPD100/G/60/WE65/(Z)x(D)
150 mm	up to 42 mm	up to 34 mm	up to 24 mm	GPD150/G/60/WE110/(Z)x(D)
200 mm	up to 50 mm	up to 38 mm	up to 27 mm	GPD200/G/60/WE125/(Z)x(D)

(A) Outer diameter GPD = inner diameter core drilling or wall sleeve

(A1) Outer diameter of interchangeable insert

(Z) Number of cables to be sealed

(D) Diameter of the individual cables

Other combinations with different diameters are also possible.

Would you like to know more?

Further information can be found in the product data sheets and installation instructions in the download area of our website. Scan this QR code to get there.



© Rubber press seals (GPD)

Additional information

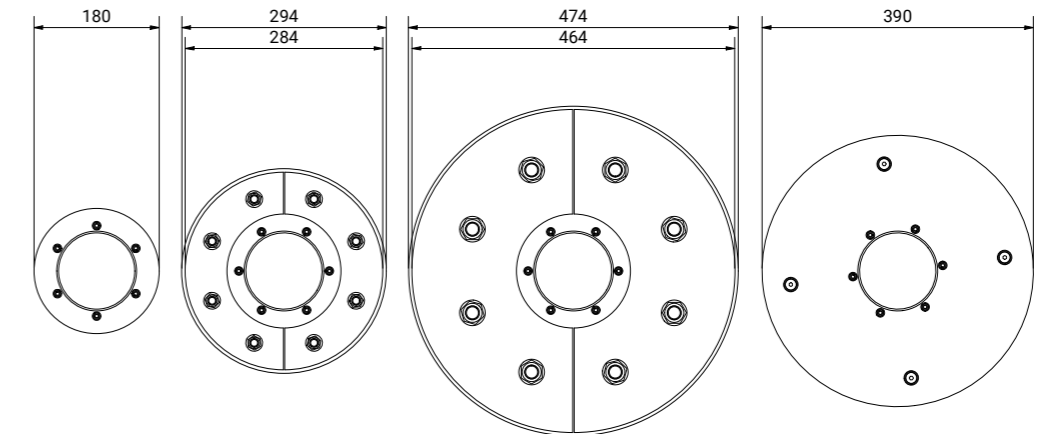


Technical drawings

These sketches illustrate the structure of our rubber press seal with flange. Here you will also find a drawing of the sealing widths (cross-section).

Flange sizes of the GPD for core drilling with a diameter of 150 mm

Dimensions depending on flange type for core drilling with 150 mm diameter



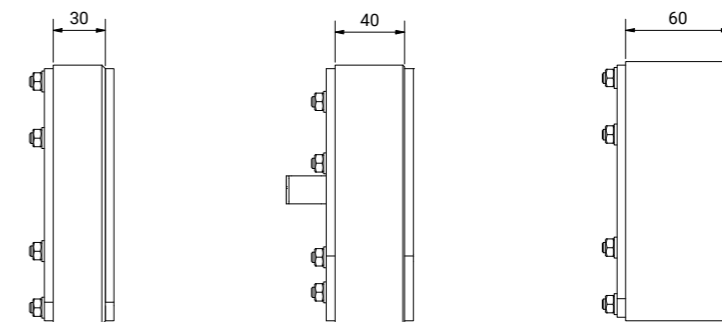
F = Covering flange

F+L W1 = Fixed and loose flange for non-pressing water

F+L W2 = Fixed and loose flange for pressing water (W2)

AF = Adhesive and filler flange for pressing water (W2. 1-E)

Rubber thicknesses of the GPD with cross-sections 30/40/60



Sealing width / rubber thickness 30 mm
Press plate thickness 5 mm each

Sealing width / rubber thickness 40 mm
Press plate thickness 5 mm each

Sealing width / rubber thickness 60 mm
Press plate thickness 5 mm each

Only for GPD with onion slices

GPD-VS and GPDs with interchangeable inserts or flanges are only available with 60 mm rubber thickness.

Annular sealings

for smooth - walled pipes

The reliable seal

Annular sealings are ideal for connecting and sealing your standardised KG or cable protection conduits.



Product name:
RRD(A)/20/V2A/EPDM 1x(D)

Annular sealing 20 mm

Provides reliable sealing of core drillings for a pipe. Assembly is possible both during the installation work and retrospectively. These annular space seals are gas-tight and watertight and, even under radial load, are suitable for all common media pipes for sealing in a core drilling in waterproof concrete (BKL-1 and -2) or a wall sleeve.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve in a wide range of standard variants
- High-quality workmanship due to stud welding



FHRK



1 bar



20 mm



Product name:
RRD(A)/40/V2A/EPDM 1x(D)

Annular sealing 40 mm

Provides reliable sealing of core drillings for a pipe. Assembly is possible both during installation work and retrospectively. These annular space seals are gas-tight and watertight and, even under radial load, are suitable for all common media pipes for sealing in a core drilling in waterproof concrete (BKL-1 and -2) or a wall sleeve.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve in a wide range of standard variants
- High-quality workmanship due to stud welding



FHRK



2.5 bar



40 mm



Product name:
RRD(A)/60/V2A/EPDM 1x(D)

Annular sealing 60 mm

Provides reliable sealing of core drillings for a pipe. Assembly is possible both during the installation work and retrospectively. These annular space seals are gas- and watertight and, even under radial load, suitable for all common media pipes for sealing in a core drilling in waterproof concrete (BKL-1 and -2) or a wall sleeve.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve in a wide range of standard variants
- High-quality workmanship due to stud welding



FHRK



5 bar



60 mm

Annular sealings

for corrugated pipes

The patented seal with integrated stabilisation

With the patented annular sealing system for corrugated pipes (RRD-WD), you can securely connect corrugated cable protection conduits. The integrated support ring stabilises the shape of the corrugated pipe during installation and also secures it against tearing out. Our annular sealings for corrugated pipes are available in sealing widths of 40 mm and 60 mm.



Product name:
RRD-WR100/G/40/V2A/EPDM 1x(D)
RRD-WR125/G/40/V2A/EPDM 1x(D)
RRD-WR150/G/40/V2A/EPDM 1x(D)
RRD-WR200/G/40/V2A/EPDM 1x(D)

40 mm annular sealing for corrugated pipes

Provides a reliable seal for corrugated cable protection conduits that have already been installed. Assembly is also possible after the installation work. The integrated support ring protects the corrugated pipe from deformation and damage and also acts as tear-out protection.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve in standard variants
- Installation aid and removal protection with patented stainless steel ring
- High-quality workmanship due to stud welding



LGA Building Technology



0.5 bar



40 mm



Product name:
RRD-WR100/G/60/V2A/EPDM 1x(D)
RRD-WR125/G/60/V2A/EPDM 1x(D)
RRD-WR150/G/60/V2A/EPDM 1x(D)
RRD-WR200/G/60/V2A/EPDM 1x(D)
RRD-WR250/G/60/V2A/EPDM 1x(D)

60 mm annular sealing for corrugated pipes

Provides a reliable seal for corrugated cable protection conduits that have already been installed. Assembly is also possible after the installation work. The integrated support ring protects the corrugated pipe from deformation and damage and also acts as tear-out protection.

- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve in standard variants
- Installation aid and removal protection with patented stainless steel ring
- High-quality workmanship due to stud welding



LGA Building Technology



0.5 bar



60 mm

Even more variants for your applications

The complete list of all available variants can be found in the relevant product data sheets on our website in the Downloads section. You can easily search for them there by scanning the QR code. Do you also need a customised solution? Talk to us!



Legend:



Tested by ...



Gas- and watertight up to ... bar

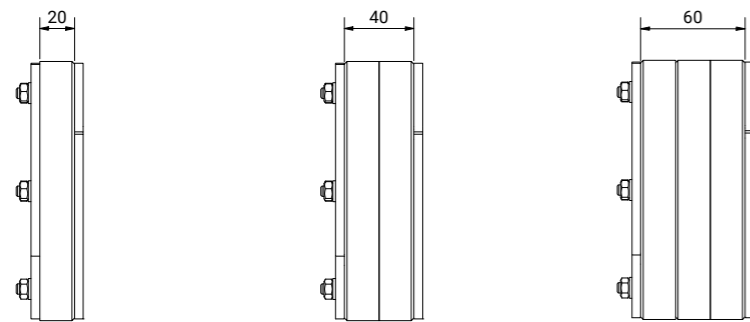


Sealing width from ... mm

Technical drawings

These sketches illustrate the structure of our annular sealings.

Rubber thicknesses of RRD seals in cross-sections of 20 mm, 40 mm and 60 mm



Sealing width / rubber thickness 20 mm

Sealing width / rubber thickness 40 mm (2x 20 mm)
Press plate thickness 5 mm each

RRD-WR also has a metal support ring

Sealing width / rubber thickness 60 mm (3x 20 mm)
Press plate thickness 5 mm each

RRD-WR also has a metal support ring

Dimension table outer pipe diameter in mm (D)

Material/pipe type	Copper pipes	Steel tubes	Steel tubes with 2-layer PE coating	Steel tubes with 3-layer PE coating	Steel pipes with pipe fitting	SML and TML pipes	Ductile iron pipelines	Hard PE pipes for district heating pipelines depending on manufacturer	Vitrified clay pipes	Standard design	Reinforced vitrified clay pipes	PE pipes HDPE PE 63 PE 80 PE 100	KG 2000 HT/ KA pipes KG pipes	PVC pressure pipes PN 4-25	PP PVC-C ABS
DIN/EN	1057	10255	10287	10285	1123-2	877	545		1230	1230	12201	19534	19532	19561	
	12449	10220					598					19538		16891	
							969							19531	
Customs	DN														
	4	4													
	6	6	10.2	13.8	15.2										
	8	8	13.5	17.1	18.5										
3/8	10	10	16 17.2	20.8	22.2						10		16		
	12	12									12				
1/2	15	15 18	20 21.3	24.9	26.3			110			16		20		
3/4	20		26.9	30.5	31.9			90/125			20		25		
	22	22													
1	25	28	33.7	37.3	38.7			90/125			25		32		
1 1/4	32	35	42.4	46	47.4			110/125			32		40	40	
1 1/2	40	42	48.3	51.9	53.3	42	48	110/125			40	40	50	50	
2	50	54	60.3	63.9	65.3	53	58	125/140	78+/-3		50/63	50	63		
2 1/2	65		76.1	79.7	81.1			140/160	105+/-4						
	70	70			73										
	75	76.1									75	75	75	75	
3	80	88.9	88.9	92.5	93.9	89	83	89	160/180						
	90										90	90	90	90	
4	100	108	114.3	117.9	119.3	102	110	118	200/225	132+/-4					
	110										110	110	110	110	
5	125	133	139.7	143.7	145.1	133	135	144	225/250	160+/-4	125	125	140	125	
6	150	159	165.1	172.3	173.7	159	160	170	250/280	187+/-5					
	160										160	160	160	160	
8	200	219	219.1	223.1	224.5	219	210	222	315/355	242+/-5	262+/-5	200	200	225	200
	225										225				

Want to know more details?

Dimensional drawings, videos and product data sheets can also be found on our website. All our standard products are listed there with the relevant information – including certificates and installation instructions. Scan the QR code to go directly to the annular sealings.





Installation situations and example applications

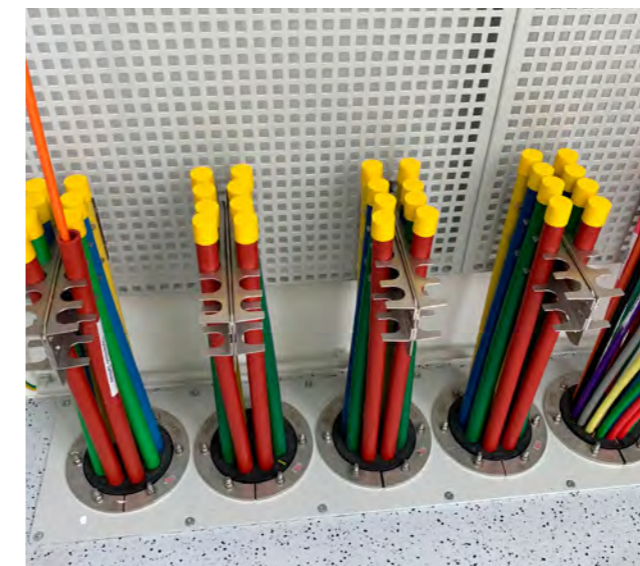
See our services for yourself in real-life application: the following installation situations and practical examples illustrate our customised solutions.

Material/pipe type	Copper pipes	Steel tubes	Steel tubes with 2-layer PE coating	Steel tubes with 3-layer PE coating	Steel pipes with pipe fitting	SML and TML pipes	Ductile iron pipelines	Hard PE pipes for district heating pipelines depending on manufacturer	Vitrified clay pipes	Standard design	Reinforced vitrified clay pipes	PE pipes HDPE PE 63 PE 80 PE 100	KG 2000 HT/KA pipes KG pipes	PVC pressure pipes PN 4-25	PP PVC-C ABS
10	250	267	273	277.4	278.4	273	275	274	400/450	296+/-6	318+/-6	250	250		250
12	300		323.9	328.3	329.7	324	326	326	450/500	350+/-7	374+/-7	315	315		315
14	350		355.6	360	361.4			378	500	404+/-7	430+/-7	355			
16	400		406.4	410.8	412.2			429	560/630	460+/-8	490+/-8	400	400		400
	450							480		516+/-8	548+/-8	450			
	500		508	512.4	513,8			532		573+/-9	607+/-9	500	500/560		500
	600		610					635		681+/-12	721+/-12	600	630		630
	630											600	630		630
	700							738		790+/-15	831+/-15	600			
	800							842		895+/-17	941+/-17	800			

All information without guarantee!
 Millimetre specifications separated by slashes (e.g. 160/180) indicate the different possible outside diameters for the respective pipe type.
 Please always state the actual outside diameter of the pipe when ordering.



RRD 150/G/40/V2A/EPDM/1x110



GPD150/G/60/F/WE110/V2A/EPDM8x20
 GPD150/G/60/F/WE110/V2A/EPDM16x16



GPD600/G/60/V2A/EPDM/10x125



GPD100/G/60/WE65/V2A/EPDM/ (Z)x(D)



GPD-CV93/G/60/WE50/V2A/EPDM/ (Z)x(D): for sealing exposed corrugated pipes

Ideal accessories

Explore our range of accessories and practical extras on our website. Simply scan the QR code to get there.



Sealing inserts for plugging

core drillings and wall sleeves

So that you remain flexible

Some of our sealing inserts – both rubber press seals and annular sealings – can be ordered as blind plugs. This allows you to seal core drillings or uncovered wall sleeves so they are gas-tight and watertight, for example.



Rubber press seal 30 mm in blind design

30 mm rubber press seal in blind design for sealing a WU core drilling (class 1 and 2) or a wall sleeve of 50 mm to 1200 mm.

- High-quality workmanship thanks to stud welding
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm

Product name:
GPD(A)/30/B/V2A/EPDM



FHRK



2 bar



30 mm



Rubber press seal 60 mm in blind design

60 mm rubber press seal in blind design for sealing a WU core drilling (class 1 and 2) or a wall sleeve from 50 mm to 1200 mm.

- High-quality workmanship thanks to stud welding
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm

Product name:
GPD(A)/60/B/V2A/EPDM



FHRK



5 bar



60 mm



Rubber press seal GPD 60 mm with interchangeable insert in blind design

60 mm rubber press seal with interchangeable insert in blind design for sealing a WU core drilling (class 1 and 2) or a wall sleeve. A new interchangeable insert can be reordered for subsequent use.

- High-quality workmanship thanks to stud welding
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve from 50 mm to 1200 mm
- Retrofitting and/or reserve holes in the interchangeable insert

Product name:
GPD100/G/60/B/WE65/V2A/EPDM
GPD125/G/60/B/WE85/V2A/EPDM
GPD150/G/60/B/WE110/V2A/EPDM
GPD200/G/60/B/WE125/V2A/EPDM



FHRK



2 bar



60 mm



Blind fastener with star grip

Blind fastener with star grip for closing a WU core drilling (class 1 and 2) or a wall sleeve.

- Tool-free assembly thanks to star grip
- Sealing insert for WU core drilling (class 1 and 2) or wall sleeve

Product name:
BV80/30 BV117/30
BV90/30 BV120/30
BV100/30 BV125/30
BV110/30 BV130/30



1 bar



30 mm



Annular RRD seal 40 mm in blind design

40 mm annular sealing with blind plug for sealing a WU core drilling (class 1 and 2) or a wall sleeve.

If the blind plug is removed, a pipe with a corresponding diameter can be installed and sealed at a later date. Other sizes on request.

- Can be used as a blind plug, subsequent connection of a conduit/ cable protection conduit possible
- High-quality workmanship due to stud welding
- Sturdy blanking plug made of thick-walled PVC

Product name:
RRD150/40/BV/V2A/EPDM/1x110
RRD200/40/BV/V2A/EPDM/1x110
RRD200/40/BV/V2A/EPDM/1x125
RRD200/40/BV/V2A/EPDM/1x160



2.5 bar



40 mm



Why blind plugs?

Exposed pipes are a potential hazard for buildings. Water, vermin and more can penetrate and cause damage. Sealing with construction foam, however, is not an advisable alternative, because it can make later reassignment of the pipes time-consuming. Another plus: the blind plugs have a sound-insulating effect.

Legend:



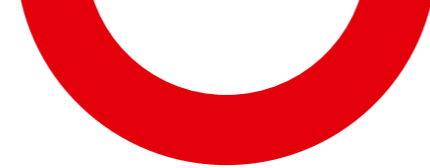
Tested by ...



Gas- and watertight up to ... bar



Sealing width from ... mm





Get in touch with us!

E-MAIL info@uga.eu

HOTLINE +49 7324 9696-33

Contact person

Scan this QR code to find the right contact person for your in-house or field service:

