

Always. Reliable. Tight.



**Advantages:**

- now available in NBR, KTW and stainless steel S316 as well
- generally split
- visual torque control
- universally useable thanks to segmented ring technology

# Standard press seals for pipes

One for really all applications

# Standard press seal for pipes

EPDM with V4A (AISI 316L) stainless steel



The standard press seal for pipes HSD-G/HSD-SSG in EPDM with V4A (AISI 316L) is ideal for use under severe conditions. For example, in sewage treatment plants and digestion towers or in the fermenters of a biogas plant. Especially in places where tough EPDM and high-quality stainless steel is required.



**standard press seal for pipes with super segmented ring technology HSD-SSG**

### Split universal seal with super segmented ring technology

The perfect solution for sealing cables/pipes in core drillings or wall sleeves  $\varnothing$  100, 150, 200, 250 and 300 mm. Thanks to the divisibility, it can be used flexibly in the new installation or can be retrofitted. The adjustment to the pipe diameter can be done quickly and easily using the connected segmented rings. Thanks to the infinitely variable super segment cuts, cables/pipes between diam. 18 and 250 mm can be sealed with just 5 variants. The universal seals  $\varnothing$  100 – 200 mm are sealed blind by default, the sizes 250 and 300 mm can be optionally sealed blind and are therefore suitable for sealing unused holes, too. Diameter labeling on the segments and integrated torque control increase application security and considerably reduce installation time.

### Properties & Usage:

- V4A (AISI 316L) is a chromium-nickel steel with molybdenum additive. It is used in applications that require corrosion resistance, particularly when in contact with chlorinated media and aggressive substances.
- EPDM has good heat, ageing, chemical resistance, high elasticity, good low-temperature behaviour and a temperature resistance from +140°C to -40°C.



**split standard press seal for pipes HSD-G**

With wall sleeves and core drillings  $> D = 400$  mm our pipe seals are adjusted directly to the diameter of the pipe to be sealed. The split design makes it extremely easy to install particularly on pipes that have already been laid.

Core drilling ID (mm)	Suitable for medium pipe/cable OD (mm)		Sealing width 40 mm (pressing water) Article code	Packing Unit
	from	to		
100	18	65	HSD 100-SSG-18-65-SL V4A/EPDM	15
150	70	112	HSD 150-SSG-70-112-SL V4A/EPDM	15
200	110	162	HSD 200-SSG-110-162-SL V4A/EPDM	15
250	159	211	HSD 250-SSG-159-211-SL V4A/EPDM	4
300	200	252	HSD 300-SSG-200-252-SL V4A/EPDM	4

Core drilling/wall sleeve ID (mm)	Suitable for medium pipe OD (mm)		Sealing width 40 mm (pressing water) Article code
	from	to	
400	273	276	HSD-G 400/273-V4A/EPDM
400	277	282	HSD-G 400/277-V4A/EPDM
400	315	321	HSD-G 400/315-V4A/EPDM
400	324	328	HSD-G 400/324-V4A/EPDM
500	398	402	HSD-G 500/400-V4A/EPDM
500	427	431	HSD-G 500/429-V4A/EPDM
500	448	452	HSD-G 500/450-V4A/EPDM

# Standard press seal for pipes

NBR with V2A (AISI 304L) or V4A (AISI 316L) stainless steel



Our standard press seal for pipes HSD-G/HSD-SSG in NBR with V2A (AISI 304L) or V4A (AISI 316L) is always used wherever high fuel and mineral oil concentration can be expected, such as at airports or filling stations, for example. Due to its methane gas resistance, NBR is also ideally suitable to use in the gas storage tank of a biogas plant.



standard press seal for pipes with super segmented ring technology HSD-SSG

### Split universal seal with super segmented ring technology

The perfect solution for sealing cables/pipes in core drillings or wall sleeves Ø 100, 150, 200, 250 and 300 mm. Thanks to the divisibility, it can be used flexibly in the new installation or can be retrofitted. The adjustment to the pipe diameter can be done quickly and easily using the connected segmented rings. Thanks to the infinitely variable super segment cuts, cables/pipes between diam. 18 and 250 mm can be sealed with just 5 variants. The universal seals Ø 100 – 200 mm are sealed blind by default, the sizes 250 and 300 mm can be optionally sealed blind and are therefore suitable for sealing unused holes, too. Diameter labeling on the segments and integrated torque control increase application security and considerably reduce installation time.

### Properties & Usage:

- V2A (AISI 304L) is an acid resistant chromium-nickel mild steel, with increased resistance against intercrystalline corrosion, and against water, water vapour, humidity, lactic acids as well as weak organic and inorganic acids.
- V4A (AISI 316L) is a chromium-nickel mild steel with molybdenum additive. It is used in applications that require corrosion resistance, particularly when in contact with chlorinated media and aggressive substances.
- NBR has good mechanical properties, and in comparison with other elastomer products, has greater abrasion resistance, high impact resilience (15 to 60%), as well as temperature resistance from +80°C to -40°C. Furthermore, NBR is resistant against fuels and mineral oils such as propane, butane, petrol, diesel oil and fuel oil as well as against vegetable and animal fats and oils.



split standard press seal for pipes HSD-G

With wall sleeves and core drillings > D = 400 mm our pipe seals are adjusted directly to the diameter of the pipe to be sealed. The split design makes it extremely easy to install particularly on pipes that have already been laid.

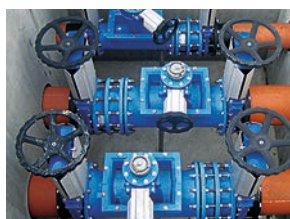
Core drilling ID (mm)	Suitable for medium pipe/cable OD (mm)		Sealing width 40 mm (pressing water) Article code	Packing Unit
	from	to		
100	18	65	HSD 100-SG-18-65-SL V4A/NBR or V2A/NBR*	15
150	70	112	HSD 150-SSG-70-112-SL V4A/NBR or V2A/NBR	15
200	110	162	HSD 200-SSG-110-162-SL V4A/NBR or V2A/NBR	15
250	159	211	HSD 250-SSG-159-211-SL V4A/NBR or V2A/NBR	4
300	200	252	HSD 300-SSG-200-252-SL V4A/NBR or V2A/NBR	4

\* SG-technology (no diameter labeling)

Core drilling/wall sleeve ID (mm)	Suitable for medium pipe OD (mm)		Sealing width 40 mm (pressing water) Article code
	from	to	
400	273	276	HSD-G 400/273-V4A/NBR or V2A/NBR
400	277	282	HSD-G 400/277-V4A/NBR or V2A/NBR
400	315	321	HSD-G 400/315-V4A/NBR or V2A/NBR
400	324	328	HSD-G 400/324-V4A/NBR or V2A/NBR
500	398	402	HSD-G 500/400-V4A/NBR or V2A/NBR
500	427	431	HSD-G 500/429-V4A/NBR or V2A/NBR
500	448	452	HSD-G 500/450-V4A/NBR or V2A/NBR

# Standard press seal for pipes

KTW with V2A (AISI 304L) or V4A (AISI 316L) stainless steel



Water reservoir, Krottenbach:  
Source: wfw local administration authority for water supplies in the region of Franconia © Herbert Liedl

Thanks to the use of rubber with KTW recommendation the press seal HSD/HSD-G can also be used in containers or buildings that come into contact with drinking water, such as in drinking water treatment plants or pumping stations.



standard press seal for pipes HSD

split standard press seal for pipes HSD-G

In split design, it is suitable for sealing pipes to be newly installed or which have already been laid in core drills or wall sleeves up to Ø 500 mm.

## Properties & Usage:

- V2A (AISI 304L) is an acid resistant chromium-nickel mild steel, with increased resistance against intercrystalline corrosion, and against water, water vapour, humidity, lactobionic acids as well as weak organic and inorganic acids.
- V4A (AISI 316L) is a chromium-nickel mild steel with molybdenum additive. It is used in applications that require corrosion resistance, particularly when in contact with chlorinated media and aggressive substances.
- KTW is used wherever, the seals come directly in contact with drinking water and has a temperature resistance from -40°C to +80°C.

Core drilling/ wall sleeve ID (mm)	Suitable for medium pipe OD (mm)		Sealing width 40 mm (pressing water) Article code
	from	to	
100 mm	32 mm	34 mm	HSD 100/32-V4A/KTW or V2A/KTW
	40 mm	43 mm	HSD 100/40-V4A/KTW or V2A/KTW
	48 mm	51 mm	HSD 100/48-V4A/KTW or V2A/KTW
125 mm	60 mm	63,5 mm	HSD 100/60-V4A/KTW or V2A/KTW
	75 mm	77 mm	HSD 125/75-V4A/KTW or V2A/KTW
	78 mm	81 mm	HSD 125/78-V4A/KTW or V2A/KTW
150 mm	78 mm	81 mm	HSD 150/78-V4A/KTW or V2A/KTW
	88 mm	92 mm	HSD 150/88-V4A/KTW or V2A/KTW
	110 mm	113 mm	HSD 150/110-V4A/KTW or V2A/KTW
200 mm	110 mm	113 mm	HSD 200/110-V4A/KTW or V2A/KTW
	114 mm	119 mm	HSD 200/114-V4A/KTW or V2A/KTW
	125 mm	128 mm	HSD 200/125-V4A/KTW or V2A/KTW
	133 mm	136 mm	HSD 200/133-V4A/KTW or V2A/KTW
	139 mm	141 mm	HSD 200/139-V4A/KTW or V2A/KTW
250 mm	159 mm	163 mm	HSD 200/159-V4A/KTW or V2A/KTW
	168 mm	171 mm	HSD-G 250/168-V4A/KTW or V2A/KTW
	177 mm	181 mm	HSD-G 250/177-V4A/KTW or V2A/KTW
	200 mm	201 mm	HSD-G 250/200-V4A/KTW or V2A/KTW
	210 mm	211 mm	HSD-G 250/210-V4A/KTW or V2A/KTW
300 mm	198 mm	202 mm	HSD-G 300/200-V4A/KTW or V2A/KTW
	208 mm	212 mm	HSD-G 300/210-V4A/KTW or V2A/KTW
	217 mm	221 mm	HSD-G 300/219-V4A/KTW or V2A/KTW
	223 mm	227 mm	HSD-G 300/225-V4A/KTW or V2A/KTW
400 mm	248 mm	252 mm	HSD-G 300/250-V4A/KTW or V2A/KTW
	273 mm	276 mm	HSD-G 400/273-V4A/KTW or V2A/KTW
	277 mm	282 mm	HSD-G 400/277-V4A/KTW or V2A/KTW
	315 mm	321 mm	HSD-G 400/315-V4A/KTW or V2A/KTW
500 mm	324 mm	328 mm	HSD-G 400/324-V4A/KTW or V2A/KTW
	398 mm	402 mm	HSD-G 500/400-V4A/KTW or V2A/KTW
	427 mm	431 mm	HSD-G 500/429-V4A/KTW or V2A/KTW
	448 mm	452 mm	HSD-G 500/450-V4A/KTW or V2A/KTW

# Standard press seal for pipes

EPDM with V2A (AISI 304L) stainless steel



Our standard press seal HSD-G/HSD-SSG in EPDM with V2A (AISI 304L) is ideal for use in the plumbing, heating and air-conditioning trades as well as in civil engineering and pipeline construction. It is the only press seal with an integrated torque control. This increases safety and shortens the installation time.



standard press seal for pipes with super segmented ring technology HSD-SSG

### Split universal seal with super segmented ring technology

The perfect solution for sealing cables/pipes in core drillings or wall sleeves  $\varnothing$  100, 150, 200, 250 and 300 mm. Thanks to the divisibility, it can be used flexibly in the new installation or can be retrofitted. The adjustment to the pipe diameter can be done quickly and easily using the connected segmented rings. Thanks to the infinitely variable super segment cuts, cables/pipes between diam. 18 and 250 mm can be sealed with just 5 variants. The universal seals  $\varnothing$  100 – 200 mm are sealed blind by default, the sizes 250 and 300 mm can be optionally sealed blind and are therefore suitable for sealing unused holes, too. Diameter labeling on the segments and integrated torque control increase application security and considerably reduce installation time.

### Properties & Usage:

- V2A (AISI 304L) is an acid resistant chromium-nickel mild steel, with increased resistance against intercrystalline corrosion, and against water, water vapour, humidity, lactobionic acids as well as weak organic and inorganic acids.
- EPDM has good heat, ageing, chemical resistance, high elasticity, good low-temperature behaviour and temperature resistance from +140°C to -40°C.



split standard press seal for pipes HSD-G

With wall sleeves and core drillings  $> D = 400$  mm our pipe seals are adjusted directly to the diameter of the pipe to be sealed. The split design makes it extremely easy to install particularly in pipes that have already been laid.

Core drilling ID (mm)	Suitable for medium pipe/cable OD (mm)		Sealing width 40 mm (pressing water) Article code	Packing Unit
	from	to		
100	18	65	HSD 100-SSG-18-65-SL V2A/EPDM	15
150	70	112	HSD 150-SSG-70-112-SL V2A/EPDM	15
200	110	162	HSD 200-SSG-110-162-SL V2A/EPDM	15
250	159	211	HSD 250-SSG-159-211-SL V2A/EPDM	4
300	200	252	HSD 300-SSG-200-252-SL V2A/EPDM	4

Core drilling/wall sleeve ID (mm)	Suitable for medium pipe OD (mm)		Sealing width 40 mm (pressing water) Article code
	from	to	
400	273	276	HSD-G 400/273-V2A/EPDM
400	277	282	HSD-G 400/277-V2A/EPDM
400	315	321	HSD-G 400/315-V2A/EPDM
400	324	328	HSD-G 400/324-V2A/EPDM
500	398	402	HSD-G 500/400-V2A/EPDM
500	427	431	HSD-G 500/429-V2A/EPDM
500	448	452	HSD-G 500/450-V2A/EPDM

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