

# ORIGINAL LINK-SEAL® MODULAR SEAL

EASY AND QUICK INSTALLATION  
THANKS TO PRE-ASSEMBLED  
MODULE DESIGN

POTABLE WATER, OIL,  
FUEL, SOLVENTS, AND HIGH  
TEMPERATURE-RESISTANT  
VERSIONS AVAILABLE

PROTECTED POSITION  
IN THE MASONRY



[www.adamuhendislik.net](http://www.adamuhendislik.net)

## GENERAL INFORMATION

### Fields of Application

LINK-SEAL® Modular Seals are designed for a wide range of applications. LINK-SEAL® Modular Seals can be used wherever annular spaces need to be reliably sealed. Main fields of application:

- Wall penetrations
- Tank embeddings
- Casing pipe seals

### Advantages

- High quality rubber parts ensure longest lifetime
- Potable water, oil, fuel, solvents, and high temperature-resistant versions available upon request
- Protected position in the masonry
- Perfect even for retrofitting
- Easy and quick installation thanks to pre-assembled modules
- Choice of zinc-plated or S316 (V4A) stainless steel bolts
- Different colors for different rubber qualities
- Electrically isolating
- Hydrostatic sealing against pressing water
- Original product with longest lifetime experience on the market

### The Principle

The radial expansion of the rubber ensures a permanently pressure tight and secure sealing of the annular space.

For very thin-walled plastic pipes e.g. pre-insulated, flexible and corrugated pipe systems, a PSI Kompakt seal type FW is recommended.

### Recommendation

The inside of the core drilling should be coated in order to protect the reinforcement. Therefore we recommend using core hole sealing respectively epoxy resin (see p. 47-49).



## TECHNICAL DATA

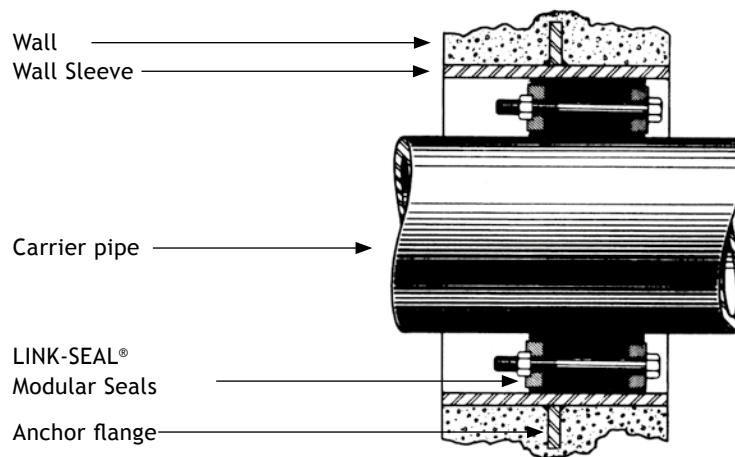
### Material Properties

<b>Temperature resistance</b>	Standard version black Type T, grey Type O, green* KTW/W270**	from -40 °C up to +80 °C from -55 °C up to +204 °C from -40 °C up to +70 °C from -40 °C up to +80 °C
<b>Oil, fuel and solvent resistant</b>	Type O (not UV-resistant)	
<b>Especially for plastic pipes</b>	blue Version	Shore A 40 ± 5
<b>Pressure tight</b>	up to 5 bar (TÜV, Lloyd's Register) Original LINK-SEAL® up to 3 bar (Lloyd's Register) Original LINK-SEAL®, Type BC und BS316	
<b>Electrical insulation</b>	Dielectric strength 500 V/mm	

\* LS 440 and LS 650 Nitrile rubber black with green marking. The values specified for the pressure tightness are valid at 23 °C. For different, in particular higher permanent operating temperatures, it might be necessary to fit an ejection safety device.

\*\* The KTW/W270 version is used whenever the seal comes into contact with potable water.

### Sectional drawing of a wall penetration sealed with LINK-SEAL® Modular Seals ring seal



### Wall Sleeves

PSI offers wall sleeves in asbestos free fiber cement, PVC, galvanized steel or S304 (V2A) with an inner diameter of 50 mm up to 2350 mm.



## TECHNICAL DATA

Type	Version	Sealing element	Pressure plates	Nuts and Bolts	Temperature range	Application
C	Standard	EPDM rubber black	fiber reinforced polyamide	strength class 8.8 galvanized	-40 °C up to +80 °C	General application in a normal atmosphere, water, or a humid environment. Suitable for electrical isolation and cathodic corrosion protection.
S 316	Standard stainless steel	EPDM rubber black	fiber reinforced polyamide	Material A 4-70 stainless steel	-40 °C up to +80 °C	High level of water-resistance, resistant against most inorganic substances (acids and alkalis) and most organic substances (acetic acid and acetone)
BC	Shore 40 ± 5	EPDM rubber blue	fiber reinforced polyamide	strength class 8.8 galvanized	-40 °C up to +80 °C	See type "C", but particular for plastic pipes
BS 316	Shore 40 ± 5	EPDM rubber blue	fiber reinforced polyamide	Material A 4-70 stainless steel	-40 °C up to +80 °C	See type "S 316", but particular for plastic pipes
O*	Oil resistant	Nitrile rubber green	fiber reinforced polyamide	strength class 8.8 galvanized	-40 °C up to +70 °C	Good resistance against oils, aromatic fuels, solvents and other mineral oil based products
OS 316*	Oil resistant	Nitrile rubber green	fiber reinforced polyamide	Material A 4-70 stainless steel	-40 °C up to +70 °C	Good resistance against oils, aromatic fuels, solvents and other mineral oil based products
KTW/ W270**	Shore 50 ± 5	EPDM rubber black, with a KTW stamp	fiber reinforced polyamide natural color	Material A 4-70 stainless steel	-40 °C up to +80 °C	Suitable for applications in potable water
T***	High and low temperature resistant	Silicon rubber grey	St 37 galvanized	strength class 8.8 galvanized	-55 °C up to +204 °C	No isolating properties, especially suitable for extreme temperatures

\* LS 440 and LS 650 black nitrile rubber with green markings

\*\* Elastomer tested in accordance with KTW and W270

\*\*\* available upon request



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