



Special Advantages

- Wide range of types.
- Simple, rapid installation.
- Excellent sealing efficiency and durability.
- No curing reaction.
- No liquid components.
- Solvent-free.

Sealing system comprised of elastomer roll rings and pipe sleeves for cable and pipeline masonry bushings.

DEKOTEC GmbH stands for experience, quality and reliability in the field of corrosion prevention and sealing technology. The success is based on the development of the Petrolatum-Tape which was already developed in 1927 as the first product worldwide for passive corrosion prevention of pipelines. We establish and guarantee the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees are continuously implementing safe and individual solutions in a personal cooperation with the customer.

Product Description

GOMEX®-Pal is a sealing system for wall penetrations for pipelines and cables. The **GOMEX®-Pal** system comprises the **GOMEX®-Pal Ring** and the **GOMEX®-Pal Pipe Sleeve**. The **GOMEX®-Pal Ring** is made of a high-quality elastomer material

with a cellular structure. With its high restoring force, the **GOMEX®-Pal Ring** ensures a reliable seal for the wall penetrations. **GOMEX®-Pal Ring** is available in many practical sizes for all common nominal sizes

of domestic service ducting. The **GOMEX®-Pal Pipe Sleeve** is a rugged, durable filler pipe made from PVC-U. A special rough surface structure ensures optimal adhesion to the mortar.

Product Application

The **GOMEX®-Pal Pipe Sleeve** is first bonded to the wall material with a suitable mortar.

Sealing of the service pipe or cable is achieved by using 3 **GOMEX®-Pal Rings**.

1. The first **GOMEX®-Pal Ring** is inserted over the service pipe or cable and rolled away from the pipe end to a distance matching the length of the **GOMEX®-Pal Pipe Sleeve**.
2. The second **GOMEX®-Pal Ring** is inserted over the pipe end. The service pipe is then pushed through the pipe sleeve until

approx. 60–70 mm protrudes from the opposite side (typically, this will be the basement side).

3. The third **GOMEX®-Pal Ring** is inserted over the pipe end that was pushed through the wall and the pipe then pulled back until all three rings are in position between the pipe sleeve and service pipe.

Note that national legislation and regulatory frameworks must be observed for all work on wall penetrations. Wall penetrations are a topic covered in the following standards and guidelines:

- DIN 18012 (house service connection facilities)
- DIN 1988 (water)
- VDE 0100 (low-voltage electrical installations)
- VDE 0800 (telecommunications)

Typical product characteristics

Characteristic	Unit	Typical value	Test method
Compressive strength versus gas and water, GOMEX®-Pal system	bar	≤ 0.5	
Compression set (24 h, 70 °C / 158 °F) GOMEX®-Pal Ring	%	< 20	ISO 815
Recovery tension	N / mm ²	0.2 to 0.4	
Working temperature	°C / °F	-10 to +50 / +14 to +122	
Operating temperature	°C / °F	-35 to +50 / -31 to +122	

Requirements list

Service pipe type	Nominal size		Outer diameter (mm)	Nominal size GOMEX®-Pal Pipe Sleeve	GOMEX®-Pal Ring (diameter (mm) – average circumferential length (cm)) = type
	Inch	DN			
Plastic pipe			32	50	12-13
			40	60	16-16
			50	80	22-20
			63	80	12-22
			75	100	18-28
Steel pipe	1	25	32	50	12-13
	1¼	32	42	60	12-16
	1½	40	48	80	22-20
	2	50	60	80	14-22
	2½	65	76	100	18-28
PE-jacketed steel pipe	1	25	38	60	16-16
	1¼	32	46	80	24-20
	1½	40	52	80	22-20
	2	50	64	80	12-22
	2½	65	80	100	14-28
Electricity cable			22.5 to 25	40	12-10
			25.5 to 27	50	17-12
			27.5 to 32	50	14-12
			32.5 to 37	50	12-13
			37.5 to 42	60	16-16
			42.5 to 47	80	24-20
			47.5 to 52	80	22-20
			52.5 to 57	80	18-21
			57.5 to 63	80	14-22
			63.5 to 70	100	24-28

Ordering information and packaging

GOMEX®-Pal Ring	Type	Number of rings per box
		12-13
	12-22	40
	14-10	140
	14-12	100
	14-28	24
	16-13	100
	16-16	70
	17-12	100
	18-21	40
	18-28	24
	22-20	40
	22-26	24
	24-20	20

GOMEX®-Pal Pipe Sleeve	Length (mm)	Number per box					
		Ø 40 mm	Ø 50 mm	Ø 60 mm	Ø 70 mm	Ø 80 mm	Ø 100 mm
	400						
	450						
	530	35	50	35	25	20	12
	600						
	1000						

Additional dimensions available on request.

DEKOTEC GmbH

P.O. Box 150120 | 51344 Leverkusen | Germany
Phone: +49 214 2602-0 | Fax: +49 214 2602-217
www.dekotec.de | info@dekotec.de

Our product information, our application recommendations and other product related documents are made for your convenience only. Since many installation factors are beyond our control, the user shall determine the suitability of the products for the intended use and assume all risks and liabilities in connection therewith. All information contained in this document is to be used as a guide and does not constitute a warranty of specification. The information contained in the document is subject to change without notice. For this reason, no liability can be accepted for inaccurate advice or any failure to provide advice.

The user is responsible for checking the applications of the product and verifying its suitability for the intended use. Our General Terms of Sale, which are available at www.dekotec.de, shall be decisive without any exception.

This is a translation from the original German product information. In case of any discrepancy or any dispute arising on the interpretation of this product information, the German text of the respective German product information, which is available at www.denso.de, shall be decisive. The legal relationship shall be governed by German law.