



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.

For a century now, DENSO Group Germany has been representing experience, quality and reliability for corrosion prevention and sealing technology. The success of the internationally leading corporation is based on the development of the "DENSO-Tape", which was already patented in 1927 as the first product worldwide for the passive corrosion prevention of pipelines. Since then, the DENSO Group Germany has been establishing and guaranteeing the highest quality standards with technically trend-setting products. Research, development and production take place exclusively in Germany. Our employees continuously implement 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

	Type	Number of rings per box
	GOMEX®-Pal Ring	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

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

Additional dimensions available on request.

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