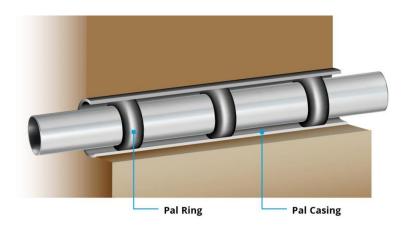
GOMEX®-Pal

Product Information





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

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

- 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.
- 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).

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 / mm²	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

	Nominal size				GOMEX [®] -Pal Ring	
Service pipe type	Inch	DN	Outer diameter (mm)	Nominal size GOMEX®-Pal Pipe Sleeve	_	
			32	50	12-13	
Plastic pipe			40	60	16-16	
			50 80		22-20	
			63	80	12-22	
			75	100	18-28	
Steel pipe	1	25	32	50	12-13	
	11⁄4	32	42	60	12-16	
	1½	40	48	80	22-20	
	2	50	60	80	14-22	
	21/2	65	76	100	18-28	
	1	25	38	60	16–16	
DE :!	11/4	32	46	80	24-20	
PE-jacketed steel pipe	1½	40	52	80	22-20	
	2	50	64	80	12-22	
	2½	65	80	100	14-28	
			22.5 to 25	40	12-10	
			25.5 to 27	50	17-12	
Electricity cable			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

	Туре	Number of rings per box
	12-13	100
	12-22	40
	14-10	140
	14-12	100
	14-28	24
	16-13	100
GOMEX [®] -Pal Ring	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	400 450 530 600 1000	35	50	35	25	20	12

Additional dimensions available on request.