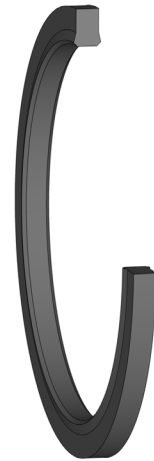


SAE FLANGE SEAL FLAN 89



The flange seal FLAN 89, which is made of TPU, was designed for the static sealing of SAE J 518 flanges.

APPLICATION

SAE J 518 flanges are a tried-and-tested, leakage-free connection technology. The SAE flange seal FLAN 89 is used primarily in mobile and stationary hydraulic systems:

- Injection molding machines
- Earth-moving machines
- Machine tools
- Agricultural equipment
- Materials-handling technology

CHARACTERISTICS

Technical Characteristics

Operating limits	
Temperature limits (°C)	-30 to +100
Pressure (MPa)	to 60
Media resistance	<ul style="list-style-type: none"> • Hydraulic oils in accordance with DIN 51524 section 1-3 • Petroleum-based lubricating greases and oils • Fire retardant hydraulic fluids HFA, HFB, HFC in accordance with VDMA 24317

Sealing material
Blue TPU

Mounting

The flange seal is easily mountable manually in an axially accessible installation space. Design measurements, radii and chamfers must be carried out in accordance with the SAE J 518 standard. It must be ensured that the surface of the installation space is clean and dry, and that edges are burr-free.

YOUR ADVANTAGES AT A GLANCE

- Thermoplastic polyurethane (TPU) is distinguished by its high abrasion and extrusion resistance and a low compression set
- High functional reliability due to the seal geometry
- Usable at relatively high levels of surface roughness
- Exchangeable with O-rings and four-edge rings
- Easy mounting

DIMENSIONS

DICHTOMATIK offers the following dimensions ex-stock:

Tube size	Ø DN	Specifications (mm)
½"	13	17 x 25,4 x 2,85
¾"	19	23,4 x 31,8 x 2,85
1"	25	31,3 x 39,7 x 2,85
1 ¼"	32	36,1 x 44,5 x 2,85
1 ½"	38	45,4 x 53,8 x 2,85
2"	51	55 x 63,4 x 2,85
2 ½"	64	67,8 x 76,2 x 2,85
3"	76	83,55 x 91,95 x 2,85

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