



### DESCRIPTION

Seals for SAE flanges

### MATERIAL

Type: Polyurethane  
 Designation: SEALPUR 93  
 Hardness: 93 °ShA

### MAIN FEATURES

The polyurethane seal type PFS has been developed to assure a SAE flange sealing and to substitute traditional O-Rings when they are not suitable due to difficult conditions such as high pressure or rough surface finish.

The profile is inspired by a semicompact rod seal type SD which has demonstrated great efficacy and versatility.

A flush fitting with the outside diameter reduces the radial movements induced by the frequent “pumping” phenomenon of pressure.

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- Perfect fluid control under “pumping” pressure also
- High resistance against extrusion
- Excellent wear-resistance
- Extended service life
- Absence of induced radial movements
- Good temperature resistance
- Easy installation without expensive auxiliaries

### FIELD OF APPLICATION

Pressure	≤ 500 bar
Temperature	−40°C ÷ +100°C
Fluids	Hydraulic oils (mineral oil based). <i>For other fluids contact our technical department</i>

### SURFACE ROUGHNESS

Housing surface	Ra ≤ 1.6 μm	Rt ≤ 6.3 μm
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- Before assembly good cleanliness and lubrication are recommended.

Part.	D ±0.1	H ±0.25	L ±0.07
<b>PFS 8 12 1.4</b>	12.0	2.0	1.40
<b>PFS 10.3 16.9 2.2</b>	16.9	3.3	2.20
<b>PFS 12.2 19.2 2.2</b>	19.2	3.5	2.20
<b>PFS 15.4 22.4 2.2</b>	22.4	3.5	2.20
<b>PFS 1/2"</b>	25.4	4.2	2.85
<b>PFS 3/4"</b>	31.8	4.2	2.85
<b>PFS 1"</b>	39.6	4.2	2.85
<b>PFS 1 1/4"</b>	44.5	4.2	2.85
<b>PFS 1 1/2"</b>	53.7	4.2	2.85
<b>PFS 2"</b>	63.4	4.2	2.85