K82
Static Seal



K82 static seal is a sealing element designed for flange applications where the fluid is contained on the inner diameter side. Thanks to the high yield strength of its polyurethane material, it is suitable for use in high-pressure environments.

Advantages
- Good sealing effect
- High extrusion resistance
- Long service life

Application
- SAE flanges
- Valve blocks
- Cover applications

Operating Conditions

PRESSURE (bar):	600 bar (max)		
TEMPERATURE (°C):	-35/+100 °C	+5/+50 °C	-30/+40°C
MEDIA TYPE	Mineral Oils	HFA/HFB	HFC

NOTE: The above values (speed, pressure, temperature) are maximum values, all cannot be used at the same time.

Material Information

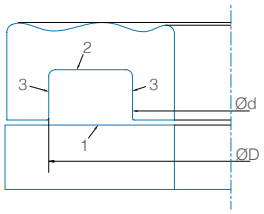
Statik Keçe	Remarks
Polyurethane-PU9401	Standard produced material code

Note: In the special application conditions (temperature, media, etc.) Can be produced from different materials. You can refer to Table 2.10 for details or you can contact our sales department.

Installation Information

Before installation, it should be ensured that the groove surfaces are proper and have no corrosion. It is important that there are no burrs or nicks in the surfaces. It is recommended to use installation tools without sharp edges.

Surface Roughness

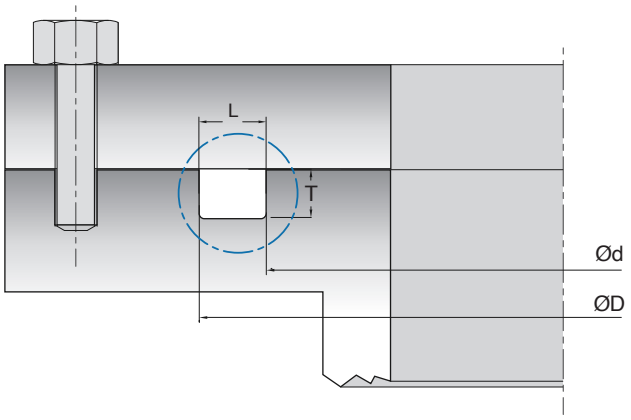


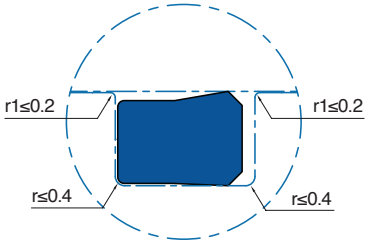
	1 (flanş yüzeyi)	2 (groove base)	3 (groove flanks)
Ra	0.1-1.6 µm	0.2-1.6 µm	0.2-3 µm
Rmax	< 3.2 µm	< 6.3 µm	< 16 µm

Extrusion Gap «S»

Since the surfaces will contact each other in static flange applications, the extruison gap is accepted as «0».

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KASTAŞ NO	d	D (H10)	T (±0.05)	L (±0.1)	KASTAŞ CODE
K82-017	17	25.4	2.85	4.2	**10028945**
K82-023.40	23.4	31.8	2.85	4.2	**10028946**
K82-031.30	31.3	39.7	2.85	4.2	**10028948**
K82-036.10	36.1	44.5	2.85	4.2	**10028951**
K82-045.40	45.4	53.8	2.85	4.2	**10028954**
K82-055	55	63.4	2.85	4.2	**10028957**