



K86 is a static sealing element designed to replace o-ring+back-up ring combination.

PRODUCT ADVANTAGES

- High operating pressures
- High reliability
- Interchangeable for O-ring and O-ring with back-up ring
- Easy and secure installation
- No need for additional back-up ring
- High wear resistance
- Availability to be used in a wide range of diameters
- Reliable sealing even with ovality of the tube

APPLICATION

All the hydraulic applications that O-rings are being used.

MATERIAL		CODE
PU	92 SHORE A	PU9201

OPERATING CONDITIONS			
MEDIA	Mineral oils (DIN 51524)	HFA and HFB	HFC
TEMPERATURE	-40°C +100°C	+5°C +50°C	-20°C +50°C
PRESSURE	≤500 Bar	≤500 Bar	≤500 Bar

Note: The above data are maximum values and cannot be used at the same time.

SURFACE ROUGHNESS		Ra	Rmax
Sliding Surface	Ød	≤0.8 µm	≤3.2 µm
Groove Base	ØD	≤1.6 µm	≤6.3 µm
Groove Flanks	B	≤6.3 µm	≤16 µm

INSTALLATION

Easily assembled by hand. It is very important that the assembly tools must be of soft material and have no sharp edges. Before installation the sealing element must be oiled with system oil.

NOTES

K86 is a single acting seal static sealing. K86 can used on pulsating systems.