



K94 is a single acting wiper ensuring that foreign particles are not introduced into the hydraulic system.

#### PRODUCT ADVANTAGES

- Very good wiping performance
- Simple, easy-construction groove
- No twisting in the housing
- Specially designed to prevent hydrodynamic pressure build-up
- Specially designed to provide excellent sealing against big particles, humidity and water
- Used in heavy conditions by the good mechanical properties of Polyurethane material

#### APPLICATION

Mining industry, heavy-duty , concrete pumps, mobile applications, telescopic cylinders.

MATERIAL		CODE
PU	94 SHORE A	PU9401

OPERATING CONDITIONS			
<b>MEDIA</b>	Mineral oils (DIN 51524)	HFA and HFB	HFC
<b>TEMPERATURE</b>	-35°C +110°C	+5°C +50°C	-20°C +50°C
<b>SPEED</b>	≤1.0 m/sn	≤1.0 m/sn	≤1.0 m/sn

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

SURFACE ROUGHNESS		Ra	Rmax
<b>Sliding Surface</b>	Ød	≤0.4 µm	≤3.2 µm
<b>Groove Base</b>	ØD	≤1.6 µm	≤10 µm
<b>Groove Flanks</b>	B	≤3.2 µm	≤16 µm

*Note: It is recommended to have 50% to 90% of the working surface material contact area value.*

#### INSTALLATION

Easily installed to closed type groove. We recommend using special assembly tool (See section; Hydraulic Sealing Elements General Installation Information). It is very important that the assembly tools must be of soft material and have no sharp edges.