



K151 is a three piece single acting chevron seal which consists of one thermoplastic header ring, one specially formulated reinforced cotton fabric with nitrile rubber sealing element and one PTFE back-up ring.

PRODUCT ADVANTAGES

- Capable of standing pressure changes
- Long service life
- Works in water and water-oil mixture media
- Easy installation

APPLICATION

High pressure cleaning equipment.

MATERIAL	CODE
COTTON FABRIC NBR	NB8503
POM	PM9901
PTFE	PT6002

OPERATING CONDITION

MEDIA	Mineral oils, water and water-oil mixture
TEMPERATURE	-30°C +80°C
PRESSURE	≤250 Bar
SPEED	≤2.0 m/sec

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

SURFACE ROUGHNESS

		Ra	Rmax
Sliding Surface	Ød	≤0.3 µm	≤4 µm
Groove Base	ØD	≤1.5 µm	≤10 µm
Groove Flanks	B	≤3 µm	≤16 µm

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

INSTALLATION

K151 chevron seal is used in open housing. 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

Thanks to the specially formulated reinforced cotton fabric with nitrile rubber service life is much longer than the normal cotton fabric seals.