



K152 is a single acting low pressure chevron seal produced from special formulated reinforced cotton fabric with nitrile rubber sealing element.

K153 is a two piece single acting low pressure chevron seal which consists of one specially formulated reinforced cotton fabric with nitrile rubber sealing element and one thermoplastic header ring.

PRODUCT ADVANTAGES

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

APPLICATION

On the low pressure side of high pressure cleaning equipment.

MATERIAL	CODE
COTTON FABRIC NBR	NB8503
POM	PM9901

OPERATING CONDITIONS

MEDIA	Mineral oils, water and water-oil mixture
TEMPERATURE	-30°C +80°C
PRESSURE	≤80 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	≤3.0 µm	≤16 µm

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

INSTALLATION

K152 and K153 chevron seals are 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.