



K153 is a two piece single acting low pressure chevron seal which consists of one special 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

High pressure cleaning equipment.

MATERIAL	CODE
COTTON FABRIC NBR	FB8502
POM	PM9901
OPERATING CONDITIONS	
MEDIA	Mineral oils , water and water-oil mixture
TEMPERATURE	-30°C +80°C
PRESSURE	≤250 Bar
SPEED	≤2.0 m/sn

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	≤0.3 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

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