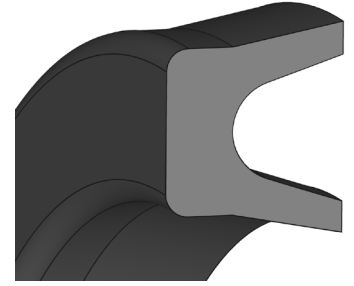


NITRILE NUPAC U-CUPS N22



Our Dichtomatik brand Nitrile U-cups design fits in most U-cup seal glands. Standard Nitrile U-cups come in a durometer of 70, and we designed them for dynamic applications where rod speeds up to 1.5ft/s (0.5 m/s) are present.

APPLICATIONS

Nitrile U-cups are commonly used in hydraulic and pneumatic cylinders.

DIMENSIONS

The currently available dimensions can be found on our website dichtomatik.fnst.com or on our online ordering platform **EASY**.

Seal details	N22
Seal surface	Piston or rod seal
Material	NBR 70
Pressure PSI (Bar)	500 (35)
Dimensions	Inch

ADVANTAGES

- Low Friction Performance in rod or piston applications assures easy movement without excessive drag
- Ideal for Pneumatic and Low-Pressure Hydraulic Cylinders
- Easy assembly: stretches or snaps into place resulting in lower assembly costs

MATERIALS

Material	Full material name	Advantages
NBR (standard material)	Nitrile Butadiene Rubber (NBR)	Nitrile is suitable for temperatures between -40°F and 212°F (-40°C to 100°C).
FKM	Fluoroelastomer (FKM)	FKM is highly temperature resistant with a temperature range from 5° F to 390° F (-15°C to 200°C) and has great resistance to oil and chemicals.
XNBR	Carboxylated Nitrile (XNBR)	XNBR has higher abrasion resistance, modulus, and tensile strength than standard Nitriles. XNBR is suitable for temperatures between -40°F and 212°F (-40°C to 100°C).
HNBR	Hydrogenated Nitrile (HNBR)	HNBR has high tensile properties with a low compression set, high and low-temperature resistance, and good resistance to ozone, aggressive oils, alkaline, oxidizing media, and crude oil in the presence of hydrogen sulfide and amines.

The information contained herein is believed to be reliable, but no representation, guarantees or warranties of any kind are made to its accuracy or suitability for any purpose. The information presented herein is based on laboratory testing and does not necessarily indicate end product performance. Full scale testing and end product performance are the responsibility of the user.

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