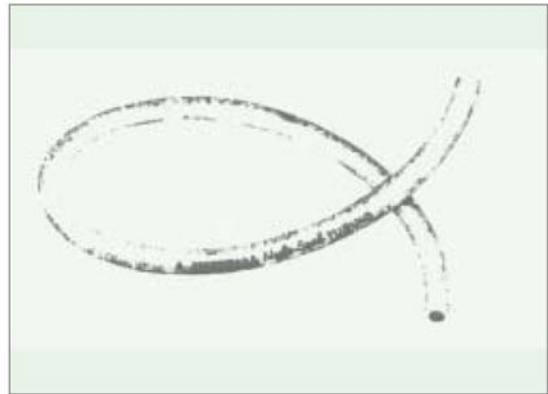


“11” NYLON-SEAL

Features

Manufactured in nylon 11. Problems of fragility and swelling usually ordinary pipes have are removed.

- Lowest umidity level. It absorbes 1.9% of umidity versus 16% of others made by nylon.
- It is not a fragile pipe, so is not necessary pipe is umid
- It keeps advantages of others nylons: **explosion pressure under control, excellent resistance, toughness and chemical compatibility.**
- High resistance to decay. It is not affected from ordinary solvents, alcali, or mineral acids (from the most part of the organic acids) from olils and their derivates. From photos solutions and fats.
- Excellent resistance to labour. **It can be used for vibrations of movements of pipes.**
- Black pipe colour has an excellent resistance to sunlight
- It not been affected from rodents



Size availability

From 1/8” to 1/2” of external diameter

Material

Nylon 11

Maximum working pressure:

- Tipo “ SN ” - 375 PSI (26 Kg / cm₂)
- Tipo “ NSR ” - 625 PSI (44 Kg / cm₂)
- Tipo “ NF ” - 250 PSI (17,5 Kg / cm₂)
- Tipo “ N ” - 250 PSI (17,5 Kg / cm₂)
- Tipo “ CN ” - 200 PSI (14 Kg / cm₂)

Compliance SN and NSR are conformed to :

FDA Sez.121.2502 – Resin 52 for carrying food liquids from a point to another-one.

NSF Approved by the National Sanitation Foundation for carrying drinkable water

Phisical properties:

Models : SN,NSR and CN . Model F e NF

Resistance to traction 586 Kg / cm₂
586 Kg / cm₂
Stretching % 160 300
Water absorption .4 .4
Hardness R-86 R-70
Specific gravity 10.4 1.05
Resilience Izod 4.0 4.8
Point of termic distorsion (4.5 Kg / cm₂) 50°C 140°C
Modulo di elasticità 12.
200 Kg / cm₂
5.860 Kg / cm₂

Implementation:

- Equipment, lubrication, air and gas.
- Circuits for chemical processing, gas and oil.
- Oil and gas
- Circuit for refrigerators for conditioning and air refrigeration.
- Hydraulic circuits for low pressure.
- Liquid for food and beverages (See specifications)

Connections:

The Nylon-Seal connections ensure a complete resistance to decay and represent the system for connecting SN, NSR, NF pipes.

When temperature exceeds 180° F (82°C), a SN pipe with an insert is recommend, and the insert have to be used with NF pipe.

HI-Duty and HI-Seal connectors can be used when SN and NSR are requested in metal connections for technical documents.

For SN pipe, an insert has to be used when temperature exceeds 180°F or when a variation occure for 120°F or more.

Poly-Flo connectors with brassy standard ogiva ensure good connections with SN and NF pipes.

(When it refers to dimension 1/8" and 3/16" some recomandations have to be observed for Nylon-Seal).

F (C9) model made in nylon is reccomand for the connectors FP series.

The CN model made in nylon is reccomand with series of N connectors.