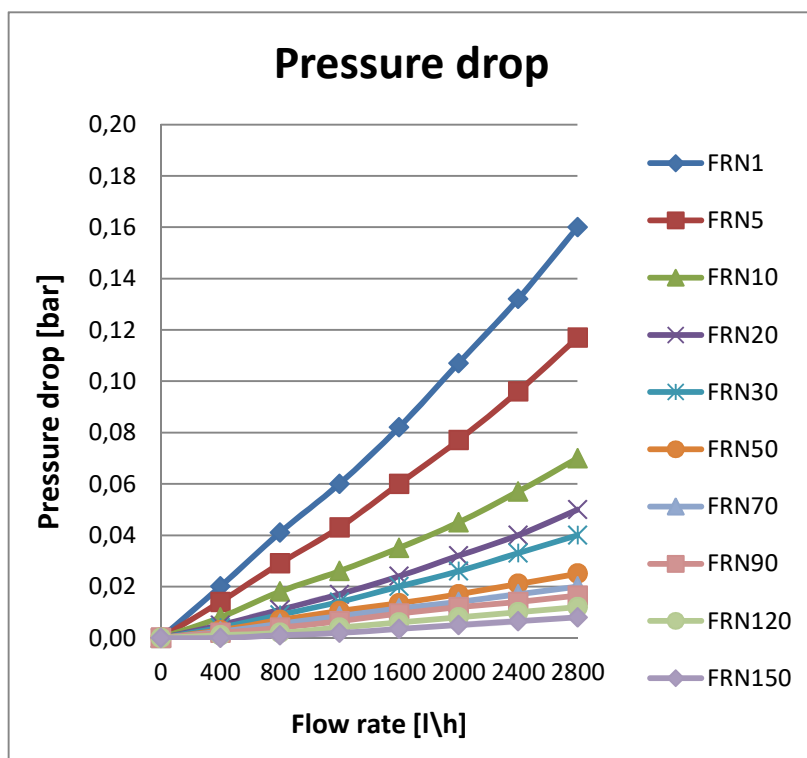


FRE CARTRIDGE CHARACTERISTICS

The FRN class nominal filter cartridges are made of polypropylene. Thanks to unique technology of production the cartridges ensure filtration efficiency level of 95% for particle sizes encoded in the identification markings. FRN cartridges consist of a single layer of fibres wound on a polypropylene core. The porosity of the layer varies in such a way as to minimise pressure drop and maximise cartridge absorption.

Features and benefits of use:

- Wide filtration range from 1 μ up to 150 μ
- Nominal filtration efficiency evaluated at 95 % (Beta 20)
- Different sizes, asymmetric position of the pores and multi-layer filtration structure increase the dust absorption of the cartridge.
- Large filtration area, long service life, minimised maintenance costs
- Cartridge sealing adapted to filtration of different media.
- High chemical and biological resistance;
- Food grade cartridges.



Cartridge Specification

Filter design: 100% Polypropylene

Core: 100 % polypropylene, Stainless steel

Filter End: 100% Polypropylene

O-ring: VMQ, EPDM, NBR, VITON, FEP/ FPM

Filtration performance

(1, 3, 5, 10, 20, 30, 50, 70, 90, 120, 150) μ m

Dimensions:

Length: 9.75", 10", 19.5", 20", 29.25", 30", 39", 40"
(248, 254, 495, 506, 741, 765, 991, 1016) mm

Inner diameter: 28mm
Outer diameter: 64mm

Max. application temperature: 80°C
Instantaneous application temperature: 120°C

TYPICAL APPLICATION



Chemical Industry



Pharmaceutical Industry



Mineral Water Production



Cosmetics Industry

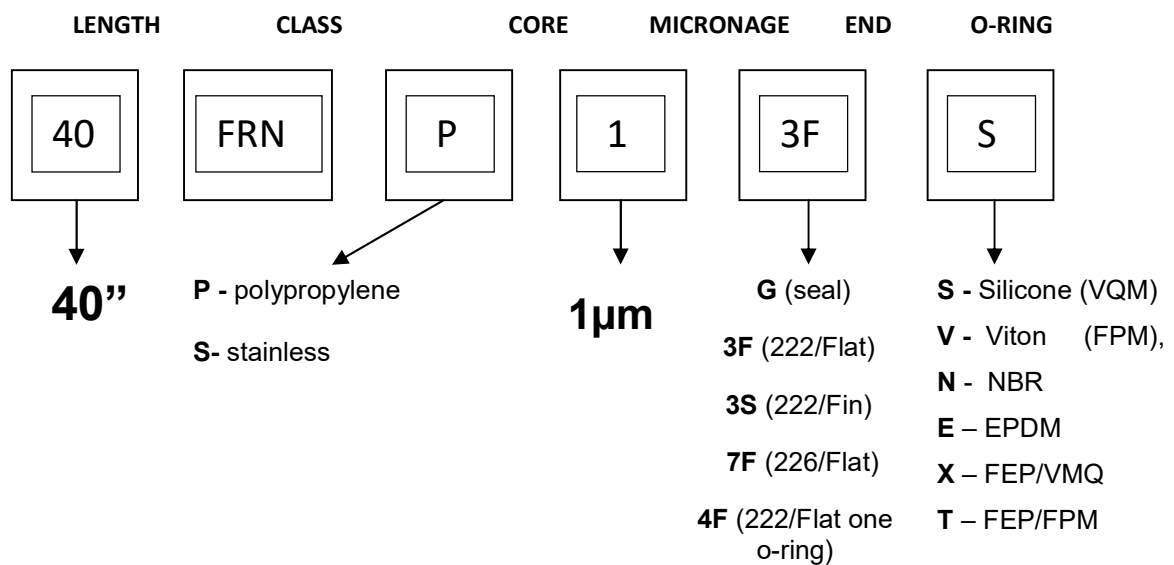


Food Industry



Production of Paint and Varnish

SPECIFICATIONS OF THE CARTRIDGE IDENTIFICATION MARKINGS



Sample cartridge identification marking:

40 FRNP 1 3FS

40 FRNP 1

KEY DIMENSIONS

