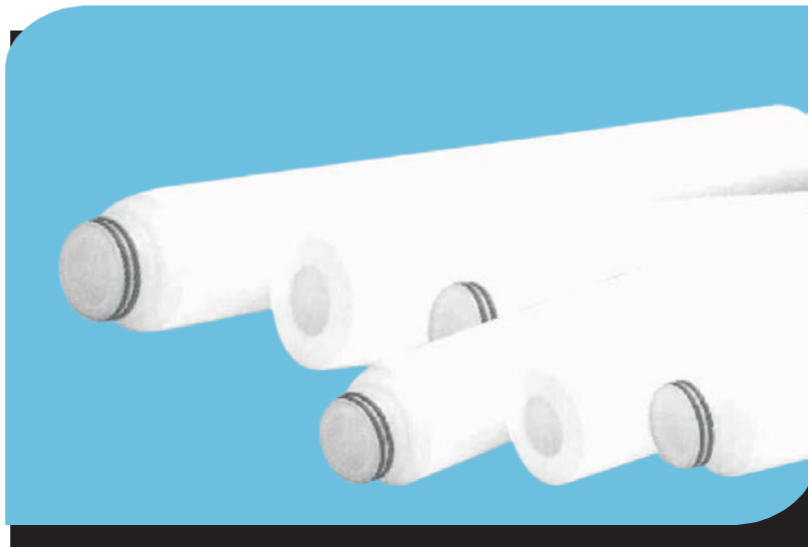


DIYA TRADERS

Filtration Made Simple

filtroUNO™

PolyTviN



Description

PolyTviN PP spun depth filter cartridges for applications where depth filtration is required. They are the best economical high purity filter cartridges available. Featuring a graded density matrix of all polypropylene fibers, so they provide consistent filtration for a wide variety of fluids. Continuous fiber matrix prevents media migration and ensures consistent production yield and overall quality function performance

Application

- Chemical industry : Paint, ink, Magnetic paint, oil resin, solvent, enzyme, plating chemicals, adhesive, resin, photographic chemical, metalworking.
- Food and Beverage : Wine, potable water, beer, soft drink, brewery, sugar liquid, industry edible oils.
- General Process industry : LCD, chemical liquid, plating liquid, water for print-circulation-board, prefiltration for RO, UF, pure water, safety filter for ion - exchanging machine, and every kinds of water treatment.

Features and Benefits

- They are the best economical high purity filter cartridges available.
- Featuring a graded density matrix of all polypropylene fibers, so they provide consistent filtration for a wide variety of fluids.
- Continuous fiber matrix prevents media migration and ensures consistent production yield and overall quality function performance.
- Fixed pore structure provides efficiency integrity and optimum particle retention.
- PolyTviN without surfactants or binders to interrupt product quality or cause foaming.
- Thermally bonded non-woven fiber construction provides superior filtration and often eliminates the need for circulation to achieve product clarity.
- It is useful for high temperature and high pressure process, as used inner core.
- Nominal micron rating.

PolyTviN

Materials Of Construction

Filter media : Graded density spun polypropylene
 Inner core & adapters : Polypropylene, Reinforce polypropylene by glass
 Seal materials – Gaskets : Foamed Polyethylene flat gasket
 – O-rings : Viton, Silicone, EPDM

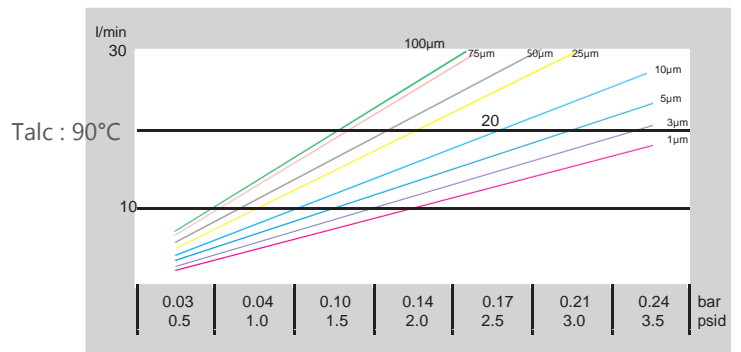
Operating Condition

Maximum differential pressure : 30psid(2.1bar, 2kgf/cm²) at 60°C
 60psid(4.2bar, 4kgf/cm²) at 30°C
 Maximum temperature : Polypropylene core : 60°C
 Reinforced polypropylene core by Talc : 90°C
 Change out ÄP : 30psid(2.1bar, 2kgf/cm²)

Specifications Dimension

Nominal length(Inch) : 10, 20, 30 & 40.
 Nominal OD(mm) : 62
 Nominal ID(mm) : 28, 30
 Media Depth(mm) : 16
 Effective area(m²) : 0.07 for 10inch

Clean Pressure Loss



Ordering Information

PTN

Removal Rating



0.5
1
2
3
5
10
25
30
50
100

Length''



10 = 10" Long
20 = 20" Long
30 = 30" Long
40 = 40" Long

Filtration Efficiency



N = Nominal
A = Absolute

End Cap



S1 = DOE
S3 = Code - 7

Seal Material



P - P.E foamed gaskets for
DOE S - Silicone
E - EPDM*
V - Viton*

* = Optional Material
Price on request