

**SupaNylon® MELT BLOWN FILTER**

Melt-blown 100% nylon filters ideal for high temperature applications as well as solvents, hydrocarbons, and aromatics inks, coatings, water, etc.

# SupaNylon® MELT BLOWN FILTER

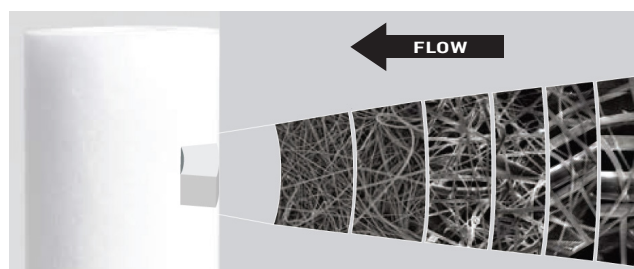
## 100% NYLON FILTERS IDEAL FOR HIGH TEMPERATURE APPLICATIONS PIGMENT-BASED INKS, CERAMIC INKS, AND DISPERSE INK JET INKS

SupaNylon® Melt Blown Filters are made of 100% nylon melt-blown depth media without surfactants, binders, or adhesives. Melt-blown depth media consists of gradient pores. The cartridge is capable of efficiently capturing particles of different sizes with a great flow rate and lifetime. These cartridges have been designed for applications where polypropylene filters cannot be used.

Cobetter SupaNylon filters are suitable for high temperature applications as well as applications involving solvents, hydrocarbons, and aromatics.



FEATURE	BENEFIT
<b>Melt-blown 100% nylon media with gradient pores</b>	Provides high contaminant hold capacity and high removal efficiency at low pressure drop
	Long service life, high flow rate due to the different linear diameters and unique interwoven density control process. SupaNylon has a porosity far beyond that of similar products, which results in lower pressure loss across the cartridge and higher contaminant-holding capacity.
	Stable pore structure and high-purity filtration. Manufactured with no wetting agents, solvents, surfactants, binders, or adhesives.
	Wide range of filtration rates from 0.5 µm to 40 µm to meet various operation conditions.
<b>Quality Assurance</b>	Manufactured in a facility which adheres to ISO 9001 Practices.
<b>Particle shedding</b>	Autoclaved filter effluent meets the requirements in USP <788> for large volume parenterals.
<b>Cleanliness</b>	Food Contact Declaration 2008/39/EC (2002/72/EC)
<b>Non-fiber release</b>	Component materials meet the criteria for a "Non-fiber-releasing filter" as defined in 21 CFR210.3 (b) (6).



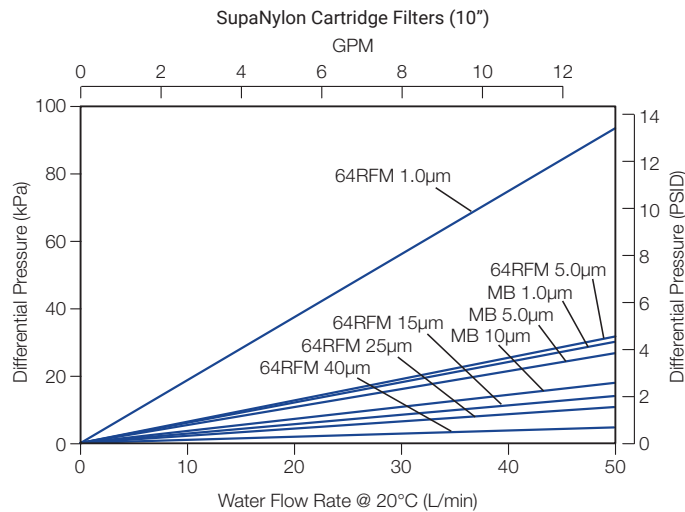
### Typical Applications

- Pure Water Prefiltration
- Slops Reprocessing
- Final Product Dehazing
- Liquified Petroleum Gas
- Adhesives
- Electrophoretic Paint and Varnishes
- Sour Water Stripper Protection
- Polymers
- Degreasing Agents
- Inks
- Solvents
- Hydrocarbons
- Aromatics

## SPECIFICATIONS

<b>Filter media</b>	100% Nylon Fiber
<b>End Caps and Adapters</b>	Nylon
<b>O-rings</b>	Silicone, EPDM, FKM, FEP/PFA encapsulated FKM
<b>Diameter</b>	O.D.: 2.48" (63 mm) (MB-NYC) 2.52" (64 mm) (64RMF-NY) I.D.: 1.10" (28 mm) (MB-NYC) 1.18" (30 mm) (64RMF-NY)
<b>Max. operating temperature</b>	120°C
<b>Max. differential pressure</b>	0.42 MPa (4.2 bar, 61 psi) at 20°C 0.12 MPa (1.2 bar, 17 psi) at 120°C

## FLOW RATES



## ORDERING INFORMATION

EXAMPLE: **MB-NYC0100NR10NC** = Nylon core, 1.0 µm, no endcap/gasket, 10" length filter, no seals, Chemical/Industrial industries



### Type

**MB-NYC** = With Nylon Core  
**64RMF-NY** = With Nylon Core, Rolled Structure



### Removal Rating

**0050** = 0.5 µm  
**0100** = 1.0 µm  
**0300** = 3.0 µm  
**0500** = 5.0 µm  
**1000** = 10 µm  
**1500** = 15 µm  
**2000** = 20 µm  
**2500** = 25 µm  
**3000** = 30 µm  
**4000** = 40 µm  
**5000** = 50 µm



### Connection

**DOE** = Double Open End, (No Gaskets)  
**TC** = 222 O-ring/Flat  
**TF** = 222 O-ring/Fin  
**SC** = 226 O-ring/Flat  
**SF** = 226 O-ring/Fin



### Nominal Length

**05** = 5"  
**10** = 10"  
**20** = 20"  
**30** = 30"  
**40** = 40"  
**50** = 50"



### Seal Material

**S** = Silicone  
**E** = EPDM  
**V** = FKM  
**P** = E-FKM (FEP/PFA encapsulated FKM)  
**N** = No Gasket/Seal



### Industry

**C** = Chemical/Industrial



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