COFILTERS

Nylon Pleated Cartridge Filter



Nylon series filters provide economical filtration for pharmaceutical applications

Constructed of polypropylene, our nylon cartridge filters are an economical and efficient solution to remove particulate and colloidal contaminants with broad chemical compatibility in pharmaceutical contamination control applications.

APPLICATIONS

- Facility water
- Particle removal for API production
- Prefiltration for LVP/SVP

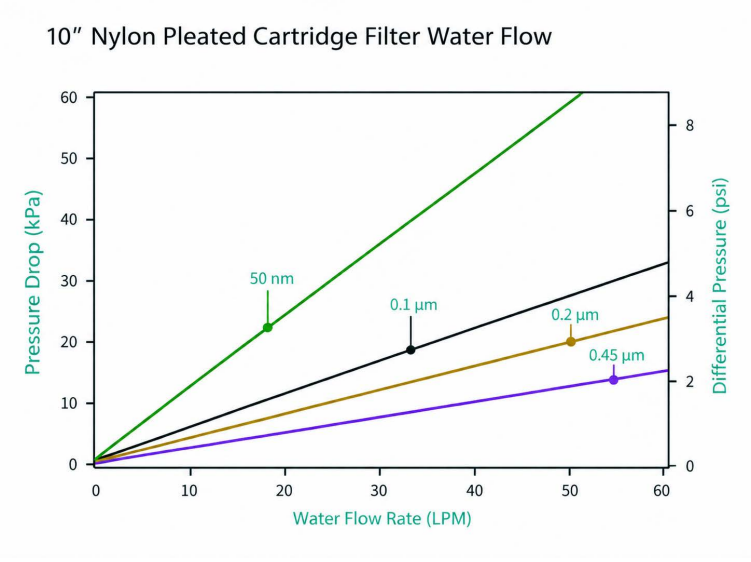
FEATURES & BENEFITS

All components meet USP<87><88>, 21 CFR and commission regulation for food contact materials	Provides biosafety insurance and global regulatory compliance
Polypropylene construction	Provides excellent chemical compatibility and allows use in a broad range of applications
Optimized form factor	Allows high flow and pressure drop for long service life and lower cost of ownership

SPECIFICATIONS

Materials of construction	Media	Nylon 6
	Support	Polypropylene
	Core and Cage	Polypropylene
	End Caps	PP or PP with stainless steel (SS) lining
	O-rings/Gasket	Silicone/EPDM (Other material on request)
	Sealing technology	Thermal bonding, no adhesives
Dimensions	Diameter	Ø68 or Ø 83 mm
	Length	5", 10", 20", 30", 40"
Filtration area	≥0.55 m2 for 10"	
Retention rating	0.1 um, 0.22 um, 0.45 um, 0.65 um, 1.0 um, 3.0 um, 5.0 um	
Maximum differential pressure	Forward:	4.2 bar @ 23°C (73°F), 1.5 bar @ 85°C (185°F)
Integrity test	Water bubble point at 23°C (73°F)	
Multiple sterilization cycles	May be autoclaved for maximum 20 cycles at 127°C (261°F), 30 min	
	May be sanitized by hot water, maximum 30 cycles at 85°C (185°F)	
Food contact material	All components meet the requirements of (EC) No 1935/2004	
Indirect food additive	All components meet the FDA Indirect Food Additive requirements cited in 21 CFR 177-182	
Quality	Manufactured in accordance with ISO 9001 and ISO 13485 certified quality management system	

PERFORMANCE DATA



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