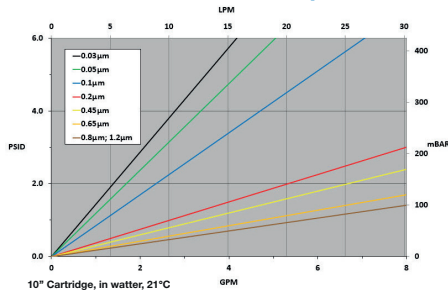


GEHNY-Series Electronics Grade Nylon and Plus+ Nylon

GEHNY-Series High Purity Electronics Grade Nylon and Plus+ Nylon Filter Cartridges, featuring nylon 6,6 membrane, provide superior particulate retention and cleanliness for production of ultrapure water critical to the micro-electronics industry. The optional positive zeta potential surface charge (Plus+) enhances retention performance for particulates smaller than the stated micron rating.

Cartridges are manufactured in a clean room environment and undergo extended flushing with 18 megaohm ultra-high purity water to achieve extraordinarily low levels of extractable substances and provide quick rinse-up. Each element is integrity tested to assure optimal performance.

Flow Rate vs Pressure Drop



Typical Applications

- UHP DI Water
- Ultrafine Chemicals
- Ion Exchange Resin Trap
- Point-of-Use Filters

Ordering Information

GEHNY	Rating(µ)	A	Length	C	End Cap Style	O-Rings/Gaskets	-	Adders
GEHNY+	0,03		10" (25,4 cm)		2 = DOE Flat Gasket ¹	B = Buna-N		CS = 316SS Compression Spring
	0,05		20" (50,8 cm)		3 = 222 w/Fin	E = EPDM		I = Stainless Steel Insert
	0,1		30" (76,2 cm)		4 = 222 w/Flat Cap	S = Silicone		
	0,2		40" (101,6 cm)		6 = 226 w/Flat Cap	T = FEP FKM		
	0,45				7 = 226 w/Fin	V = FKM		
	0,65				16 = 213 Internal O-Ring ²	Z = FEP Silicone		
	0,8				28 = 222 3-Tabs w/ Fin			
	1,2							

¹If code 2 (DOE) is applied, options T and Z are not available.
²Silicone and EPDM only.

DISCLAIMER: Filtration data presented is representative of performance observed in controlled laboratory testing. It is not given as a warranty, specification or statement of fitness for use. Specific performance can vary widely depending on contaminant type, fluid properties, flow rates and environmental conditions. It is recommended that users conduct thorough qualification testing to assure the product functions as required. For additional technical support, a product Performance Guide is available upon request.

DS_GEHNY_D034_EN



Construction Materials

- Membrane**.....Nylon 6,6
- Support Media**.....Polypropylene
- End Caps**.....Polypropylene
- Center Core**.....Polypropylene
- Outer Support Cages**.....Polypropylene
- O-Rings/Gaskets**.....Buna, EPDM, Silicone, FEP Silicone, FKM, FEP FKM

Sanitization/Sterilization

- Filtered Hot Water**.....80°C for 30 min.
- Steam Sterilization**.....121°C for 30 min., multiple cycles

Chemicals : Cartridges are compatible with most chemical sanitizing agents.

Note : Stainless steel insert option required for all cartridges being hot water sanitized or steam sterilized, for the 222 and 226 connections.

Dimensions

- Length** : 10 to 40 inches (25,4 to 101,6 cm) nominal
- Outside Diameter** : 7,0 cm nominal

Operating Conditions

- Change Out ΔP (recommended)**.....2,4 bar
- Temperature (max)**.....80°C
- Differential Pressure (max)**.....3,4 bar at 20°C

Toxicity

All polypropylene components meet the specifications for biological safety per USP Class VI – 121°C for plastics.

Food Safety Compliance

Materials of construction comply with FDA regulations for food and beverage contact use as detailed in the US Code of Federal Regulations, 21CFR. Materials used to produce filter media and hardware are deemed safe for use in contact with foodstuffs in accordance with EU Directives 1935/2004 and/or 10/2011.