

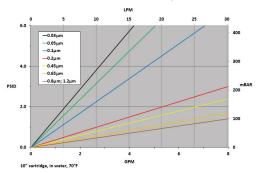
GEHNY-Series Electronics Grade Nylon and Plus+ Nylon

GEHNY-Series High Purity Electronics Grade

Nylon and Plus+ Nylon Filter Cartridges, featuring
nylon 6,6 membrane, provides 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
particulate 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 diffusion tested for integrity to assure optimal performance.

Flow Rate vs Pressure Drop



Typical Applications

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



Construction Materials

Membrane	Nylon 6,6
Support Media	Polypropylene
End Caps	Polypropylene
Center Core	Polypropylene
Outer Support Cage	Polypropylene
O-Rings/Gaskets	.Buna, EPDM, Silicone,
Clear Silicone, Teflor	n® Encapsulated Viton®,
Viton®, Teflon	® Encapsulated Silicone

Sanitization/Sterilization

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.

Dimensions

Length:

10 to 40 inches (25.4 to 101.6 cm) nominal

Outside Diameter:

2.70 inches (7.0 cm) nominal

Operating Conditions

Change Out ΔP (recommend	led) 35 PSID
Temperature (max)	176°F (80°C
Differential Pressure (max)	50 PSIE
(*	3 4 har) at 68°F (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 2002/72/EC, 1935/2004, and/or 10/2011.

Ordering Information

_								
GEHNY	Rating (µ)	Α	Length	С	End Cap Style	O-Rings/Gaskets	-	Adders
GEHNY+	0.03		10" (25.4 cm)		2 = DOE Flat Gasket	B = Buna		CS = 316SS Compression Spring
	0.05		20" (50.8 cm)		3 = 222 w/ Fin	C = Clear Silicone		I = Stainless Steel Insert
	0.1		30" (76.2 cm)		4 = 222 w/ Flat Cap	E = EPDM		
	0.2		40" (101.6 cm)		6 = 226 w/ Flat Cap	S = Silicone		
	0.45				7 = 226 w/ Fin	T = Teflon® Encapsulated Viton®		
	0.65				16 = 213 Internal O-Ring	V = Viton®		
	0.8				28 = 222 3-tabs w/ Fin	Z = Teflon® Encapsulated Silicone		
	1.2							

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 190918

