



NYLONPOLAR™ SOLVENT PURIFIER

Specifically designed for removal of metal contaminants from base solvents and resin solvent mixtures

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FOR REMOVAL OF METAL CONTAMINANTS FROM BASE SOLVENTS AND RESIN SOLVENT MIXTURES

Cobetter Nylonpolar™ Solvent Purifier with surface-modified nylon membrane is well-suited for photoresist production and ultra high purity solvent applications.

Available in a wide variety of sizes and configurations to meet all your requirements.

FEATURE	BENEFIT
Modified nylon purification membrane	Provides ppt level metal contaminant removal performance
Ultraclean HDPE capsules	Ultraclean capsules with industry-standard fittings are perfect for research and small batch production.
Manufactured in a cleanroom	NylonPolar is clean packaged and ready to install
Cartridge length to 20"	Ideal for resist and solvent production lines

SPECIFICATIONS

	Cartridge	Capsule
Purification Membrane	Surface-modified Nylon	
Support/Drainage/Core/Cage/End Caps	HDPE	
Shell	-	HDPE
O-rings*	E-FKM	-
Max. Operating Temperature	50°C	38°C
Max. Operating Pressure	0.27 MPa (2.7 bar, 39 psi) @ 25°C	0.34 MPa (3.4 bar, 49 psi) @ 25°C

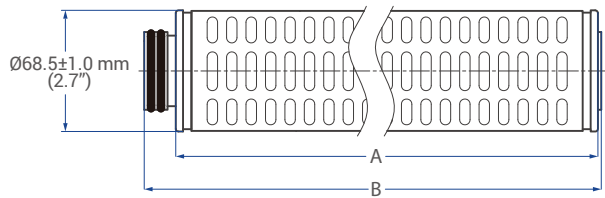
*Please ask your Banner Industries representative if another O-ring material is required



Typical Applications

- Most organic solvents used in semiconductor manufacturing
- Precursor materials (solvent, resins and polymers, etc.) used in photochemical manufacturing
- Bulk and point-of-use solvent purification

NYLONPOLAR: X1 CARTRIDGE FILTERS (2-222/FLAT)



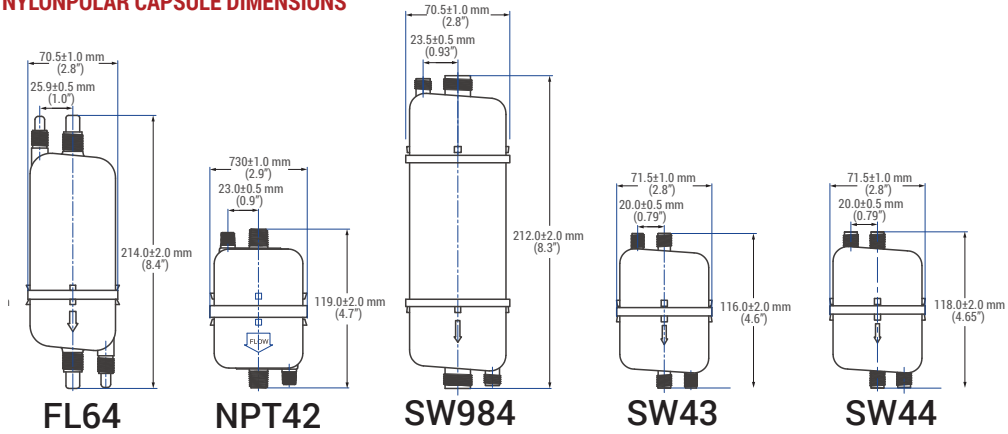
Length Code	A	B
10	242.5 ±2 mm (9.5")	262.5 ±2 mm (10.3")
20	488.0 ±3 mm (19.2")	508.0 ±3 mm (20.0")

NYLONPOLAR CARTRIDGE ORDERING INFORMATION (222/FLAT)

EXAMPLE: **NPLX1OTC10EUHD** = 68mm, 10" length, E-FKM seal, High Clean Grade, packaged dry

NPL	<input type="text"/>	OTC	<input type="text"/>	<input type="text"/>	<input type="text"/>	D	<input type="text"/>
Diameter		Nominal Length		Seal Material		Cleanliness	Package
X1 = 68 mm Z1 = 83 mm		10 = 10" 20 = 20"		P = E-FKM		UN = Super Clean Grade UH = High Clean Grade	D = Dry

NYLONPOLAR CAPSULE DIMENSIONS



NYLONPOLAR PURIFIER CAPSULE ORDERING INFORMATION

EXAMPLE: **NPLFL64EUHD** = Flare FL64E type with 3/8" I/O and 1/4" V/D, High Clean Grade, packaged dry

NPL	<input type="text"/>	UH	<input type="text"/>	D	<input type="text"/>
		Cleanliness		Package	
		UH = High Clean Grade		D = Dry	
Connection Type		Inlet/Outlet		Vent/Drain	
FL64E = Flare Type		3/8"		1/4"	
NPT42E = NPT		1/4"		1/8"	
SW43E = Compression		1/4"		4 mm	
SW44E = Compression		1/4"		1/4"	
SW984E = Compression		1/2"		1/4"	



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