

STRONG SOLVENT FILTRATION

The PPN filter uses naturally hydrophilic Nylon 66 media for excellent chemical compatibility and low extractable content. Suitable for filtering strong solvents (reference standard industry compatibility charts) and the effective retention of gelatinous particles, the PPN is designed for applications requiring exacting micron classification between 0.1 and 1 micron. Each cartridge is thermally bonded, eliminating the need for potentially contaminating adhesives or binders.



FDA
Compliant Materials

FEATURES & BENEFITS



- Prior to final construction, each cartridge is rinsed with ultra pure water for low extractables
- No fibre release in accordance with pharmaceutical requirements
- Hydrophilic Nylon 66 membrane with polypropylene support layers result in low initial clean pressure drop

MATERIALS OF CONSTRUCTION



Media:	Nylon 66
Support Media:	Polypropylene
Core:	Polypropylene
Cage:	Polypropylene
End-cap:	Polypropylene
	Polypropylene with PSU ring insert (Z)
	Stainless Steel insert (Q)
Seal:	Viton (as standard)

TECHNICAL DATA

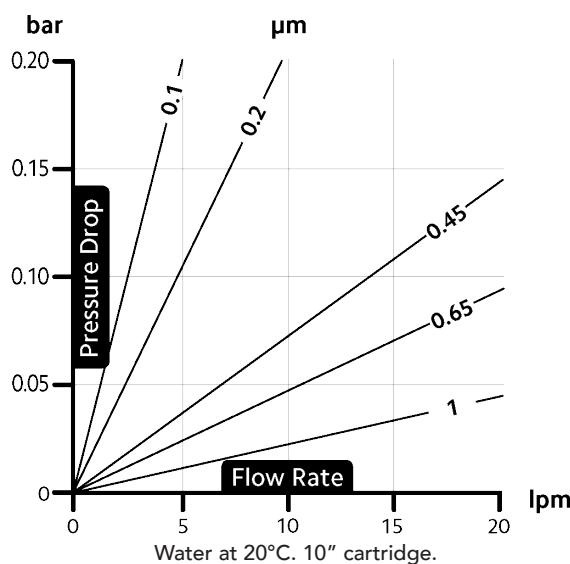


Efficiency (%)	99.98
Maximum Operating Pressure Differential (psi)	6 bar at 21°C
Maximum Operating Temperature (°C)	82
Maximum Sterilising Cycles	5 x 20 min cycles at 120°C. Requires compatible end-caps Q (222) and Z (226)
Surface Area (m²)	0.57 per 10"

DIMENSIONS



Length ("")	Dimensions (mm)					B
	AA	CG	EG/ FG/ MG	QG	EH/ FH/ MH/ ZH	
9 3/4	248	-	-	-	-	70
10	-	241	270	276	310	70
20	508	506	520	526	560	70
30	750	-	770	776	810	70
40	1000	-	1020	1026	1060	70

FLOW RATE**ORDERING GUIDE**

Code	Micron (μm)	Length ("")	End-cap	Seal
PPN	0.1, 0.2, 0.45, 0.65, 1	9 $\frac{3}{4}$ 10, 20, 30, 40	AA CG, EG, EH, FG, FH, MG, MH, QG, ZH	V T, V

e.g. PPN-0.65-30QGV

PRODUCT RANGE

The below products have often been associated with this product.



PPP



PPPES



Bubble Point



PPG



Crypto



PPDP



PPPTFE



PPN



SPE



PPPTFE Air Vent



High Flow



Rinse Cap