



INTRODUCING TRUPOR® NYLON MEMBRANE MEDIA
BEST IN CLASS, DELIVERING HIGHER FLUX AND LOWER PRESSURE FOR HIGH PURITY LIQUID FILTRATION

TRUPOR® MEMBRANE OUTPERFORMS TRADITIONAL NANOFIBER MEDIA

- ✓ Meets and exceeds the performance of microporous cast membranes
- ✓ Delivers higher flux and lower pressure
- ✓ Processes well
- ✓ Similar economics to current commercial grades
- ✓ Complies with US FDA (21CFR), USP Class VI, NSF / ANSI 61, EU Plastics Directive 10/2011
- ✓ Suitable for pharma/bio, water, food & beverage, fermentation, chemical processing, semiconductor, electronics, clarification, etc.
- ✓ Overall best in class sub-micron filtration media

DATASHEET SUMMARY OF TRUPOR® NYLON MEMBRANE PHYSICAL PROPERTIES

SFF Product Code	Micron Rating	Polymer	Total Basis Weight (gsm)	Thickness (mm)	Air Perm (cfm)	Tensile MD (Lbs/in)	Mean Flow Pore (µm)	Water Permeability (LMH/psi)	Dirt Holding Capacity (g/m ²)	Biocompatibility (ISO 10993 5)
Test Method			ASTM D 3776	ASTM D 1777	ASTM D 737 @ 125 Pa	ASTM D 5035	ASTM F316		Test Dust ISO A1	
TPPA-0.20-V2	0.20	Nylon	75	0.20	N/A*	4.2	0.22	2500	130	Pass
TPPA-0.45-V2	0.45	Nylon	75	0.20	1.8	4.2	0.30	3000	135	Pass
TPPA-0.65-V2	0.65	Nylon	75	0.20	3.8	4.2	0.43	4500	145	Pass
TPPA-0.80-V2	0.80	Nylon	75	0.20	4.0	4.2	0.65	5000	150	Pass
TPPA-1.20-V2	1.20	Nylon	75	0.20	6.0	4.2	0.66	5500	160	Pass
TPPA-5.00-V2	5.00	Nylon	75	0.20	7.0	4.2	0.80	6500	160	Pass

* TPPA-0.20-V2 Air Perm - 18 cfm @2500 Pa

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