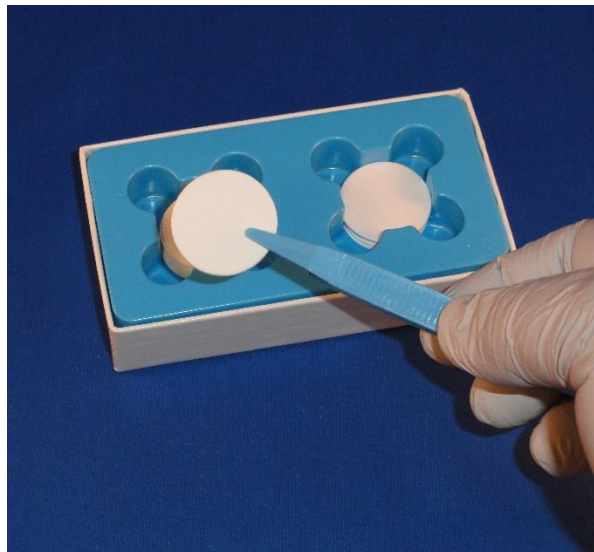


Polymeric Membranes

NYLON
PTFE
PP



I.W. Tremont polymeric membranes are cast by leading OEM raw material suppliers who also supply many of the most widely known competitive brands. This material is held to the highest quality standards with our in house testing and quality assurance using the latest materials science instrumentation. Converting and packaging is performed in Hawthorne, New Jersey to offer the broadest product range with high stock level availability and rapid shipping. Our production method brings exceptional value and quality.

Membrane Name	Membrane Type	Membrane Sub-Type	Porosity (µm)	Caliper (mm)
IWT-NY-022	Nylon Membrane, PET Supported	Polymeric, Nylon, Polyamide, Hydrophilic	0.22	0.09
IWT-NY-045	Nylon Membrane, PET Supported	Polymeric, Nylon, Polyamide, Hydrophilic	0.45	0.09
IWT-PTFE-022	PTFE Membrane, PP Supported	Polymeric, PTFE, Hydrophobic	0.22	0.16
IWT-PTFE-022	PTFE Membrane, PP Supported	Polymeric, PTFE, Hydrophobic	0.45	0.16
PPDM100	Pure polypropylene depth filter	Polymeric, Polypropylene, Hydrophilic	1.00	0.30

Nylon Membrane

- ✓ Supported with a polyethylene terephthalate (PET) scrim for added support.
- ✓ Scrim bonded using unique technique utilizing no bonding agent for purity and chemical compatibility. Lower extractables.
- ✓ Hydrophilic material eliminates need for wetting agents.
- ✓ Strong protein bonding with high recoveries.

Polytetrafluoroethylene (PTFE) Membrane

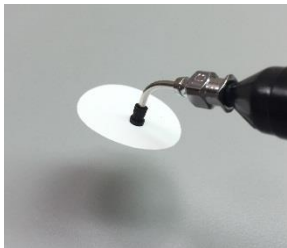
- ✓ Supported with a polypropylene (PP) scrim for easier handling
- ✓ Scrim bonded using unique technique utilizing no bonding agent for purity and chemical compatibility. Lower extractables.
- ✓ Hydrophobic material is effective in separating polar/nonpolar solvents
- ✓ Aqueous solutions can pass after prewetting with methanol.

Polypropylene (PP) Depth Filter

- ✓ 100% High purity PP fiber depth filter with wide chemical compatibility.
- ✓ Highly hydrophilic, rapidly wets and demonstrates fast flow rates.
- ✓ Ideal as a membrane prefilter. Effective solids capture and retention.

Ordering Information:

Catalog	Description
IWT-NY-022025	Hydrophilic Nylon membrane, NON-STERILE, 0.22 micron, 25mm diameter, pack of 100
IWT-NY-022047	Hydrophilic Nylon membrane, NON-STERILE, 0.22 micron, 47mm diameter, pack of 100
IWT-NY-022090	Hydrophilic Nylon membrane, NON-STERILE, 0.22 micron, 90mm diameter, pack of 100
IWT-NY-022142	Hydrophilic Nylon membrane, NON-STERILE, 0.22 micron, 142mm diameter, pack of 25
IWT-NY-045025	Hydrophilic Nylon membrane, NON-STERILE, 0.45 micron, 25mm diameter, pack of 100
IWT-NY-045047	Hydrophilic Nylon membrane, NON-STERILE, 0.45 micron, 47mm diameter, pack of 100
IWT-NY-045090	Hydrophilic Nylon membrane, NON-STERILE, 0.45 micron, 90mm diameter, pack of 100
IWT-NY-045142	Hydrophilic Nylon membrane, NON-STERILE, 0.45 micron, 142mm diameter, pack of 25
IWT-PTFE-022025	Hydrophobic PTFE membrane, NON-STERILE, 0.22 micron, 25mm diameter, pack of 100
IWT-PTFE-022047	Hydrophobic PTFE membrane, NON-STERILE, 0.22 micron, 47mm diameter, pack of 100
IWT-PTFE-022090	Hydrophobic PTFE membrane, NON-STERILE, 0.22 micron, 90mm diameter, pack of 100
IWT-PTFE-022142	Hydrophobic PTFE membrane, NON-STERILE, 0.22 micron, 142mm diameter, pack of 25
IWT-PTFE-045025	Hydrophobic PTFE membrane, NON-STERILE, 0.45 micron, 25mm diameter, pack of 100
IWT-PTFE-045047	Hydrophobic PTFE membrane, NON-STERILE, 0.45 micron, 47mm diameter, pack of 100
IWT-PTFE-045090	Hydrophobic PTFE membrane, NON-STERILE, 0.45 micron, 90mm diameter, pack of 100
IWT-PTFE-045142	Hydrophobic PTFE membrane, NON-STERILE, 0.45 micron, 142mm diameter, pack of 25
IWT-PTFE-080025	Hydrophobic PTFE membrane, NON-STERILE, 0.80 micron, 25mm diameter, pack of 100
IWT-PTFE-080047	Hydrophobic PTFE membrane, NON-STERILE, 0.80 micron, 47mm diameter, pack of 100
IWT-PTFE-080090	Hydrophobic PTFE membrane, NON-STERILE, 0.80 micron, 90mm diameter, pack of 100
IWT-PTFE-080125	Hydrophobic PTFE membrane, NON-STERILE, 0.80 micron, 142mm diameter, pack of 25
IWT-PPDM-100025	Hydrophilic PP depth media, NON-STERILE, 1.00 micron, 25mm diameter, pack of 100
IWT-PPDM-100047	Hydrophilic PP depth media, NON-STERILE, 1.00 micron, 47mm diameter, pack of 100
IWT-PPDM-100090	Hydrophilic PP depth media, NON-STERILE, 1.00 micron, 90mm diameter, pack of 100
IWT-PPDM-100142	Hydrophilic PP depth media, NON-STERILE, 1.00 micron, 142mm diameter, pack of 25



This material is offered in custom product variants and OEM. Inclusion of these and other materials within structured devices such as syringe filters and inline housings can be performed quickly with surprisingly low minimums.

Packaging shown for illustrative purposes only. In accordance with I.W. Tremont's Green Initiative program, each finished goods package is designed to best protect the contents while reducing environmental waste.

All technical data provided accurate at time of print and subject to change without notice.

* Any reference to competitors' trade names or trademarks is done for competitive and technical comparison. No affiliation or licensing rights are expressed or implied.