



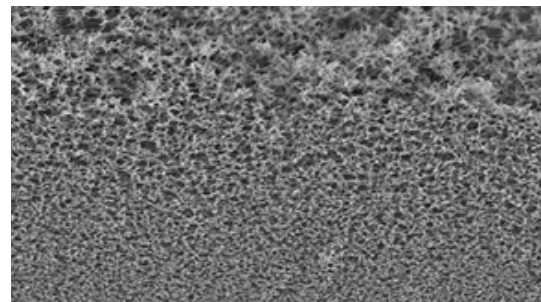
## General Description

**Ultraflon M13** is a hydrophilic Nylon membrane specially configured with either a negative charge or a positive charge. This membrane is a widely used matrix for the binding of nucleic acids.

Nylon membranes are mechanically stronger than nitrocellulose membranes. They are resistant to heat and solvents. Also, they will not shrink, crack or tear.

**Ultraflon M13** attributes are:

- High hydrophilicity
- Good flow rate with maximum retention
- High chemical and pH compatibility
- High mechanical strength



SEM (Scanning Electron Microscope) view of an Ultraflon M13 membrane.

## Applications

- Sample preparation filtration
- Molecular diagnostics
- Genetic Diagnostics
- Southern Blots, Northern Blots

## Membrane Formats

- Roll
- Sheet
- Disc
- Custom converting

## Sterilization Compatibility

- Autoclave, Ethylene Oxide, E-Beam, Gamma Radiation

## Pore Sizes [um]

- 0.1, 0.2, 0.45, 0.65, 1.2, and 3.0

## About TriStar EMD

Our **Enhanced Materials Division (EMD)** positions TriStar Plastics as the best resource to solve your demanding engineering challenges. From expert material selection guidance to material enhancements that improve and extend the performance of existing polymers and elastomers, we can help you find the best, most cost-effective way forward.

[Learn more.](#)



We're ready to put our engineering expertise to work for you  
from prototype to production.

Engineering | Custom Fabrication | Manufacturing



### CJ Composite

- Self-Lubricating
- Low weight | High Strength
- Chemical Resistance
- Direct replacement for Bronze



### Ultracomp<sup>®</sup>

- Self-Lubricating
- High Load | Low Speed
- High Compressive Strength
- Vibration & Impact Resistance



### TriSteel<sup>™</sup>

- Self-Lubricating
- High Load | High Speed
- Metal Backed Bearing System
- 100% Lead Free



### Rulon<sup>®</sup>

- Self-Lubricating
- Low weight | High Strength
- Low Coefficient of Friction
- Chemically Resistant



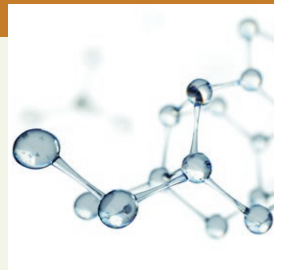
### Meldin<sup>®</sup>

- High Performance Materials
- High Temp Dimensional Stability
- Chemical Resistance
- Withstands Thermal Shocks



### Enhanced Materials

- Plasma Surface Treatment
- Filtration Membranes
- Specialized Primers & Coatings
- Material ID & Selection



TriStar



Engineered Plastic Solutions<sup>™</sup>

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