



## General Description

**Ultraflon M11** is a glass fiber mat used for blood separation in large volume or use in conjunction with PES or PTFE filters.

**Ultraflon M11** can be enhanced for more RBC collection or for low binding of antibodies, antigens, for molecular targets.

**Ultraflon M11** attributes include:

- High hydrophilicity
- No hemolysis
- Low protein and analyte binding
- Low molecular interference
- Great chemical compatibility



SEM (Scanning Electron Microscope) view of an Ultraflon M11 membrane.

## Applications

- Point-of-care (POC) diagnostic devices
- Microfluidic devices
- Cholesterol POC devices
- Blood separation / plasma concentration

## Membrane Formats

- Roll
- Sheet
- Disc
- Custom converting

## 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



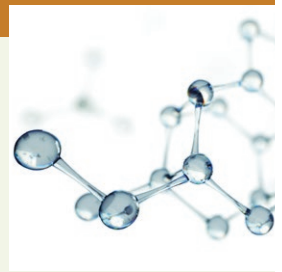
## Meldin<sup>®</sup>

- 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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