

# Vacuum Pump Separators



Oil mist filters are typically installed within the exhaust chamber of a vacuum pump to capture, purify, coalesce and recirculate oil back into the system. Planning a routine maintenance schedule avoids costly breakdowns & increases the longevity of your vacuum pump.

Tiger Filtration supply a complete range of alternative vacuum pump separators (oil mist filters) for use in oil lubricated vacuum pumps. Our products are in-house tested using a dispersed oil particulate (DOP) photometer and can be either batch or 100% tested depending upon your specifications. Following rigorous testing with IUTA, our products are proven to perform "as good, if not better" than the original equipment manufacturer.

Vacuum Pump Separators account for 50% of Tiger Filtration's product turnover - we are so confident in the performance of our products that we offer free of charge samples upon request - contact us for further details.

## Features & Benefits:

- ✓ **Optimum Performance:** Our separators will perform "as good, if not better" than the OEM.
- ✓ **Synergy:** Our separators are designed to work in harmony with your vacuum pump.
- ✓ **Integrity Tested:** Our separators are 10% batch tested as standard but we offer 100% testing if requested.
- ✓ **Expanded metal inner & outer support sleeves:** Minimum pressure drop due to high flow throughput.
- ✓ **Pre Filtration layer:** Affords protection to main filtration medium for normal and reverse flow conditions.
- ✓ **Multi-Wrap technology:** High particle retention rate due to 40% penetration into media, minimising pressure drop.
- ✓ **Up to 97% voids volume in borosilicate micro glass fibre:** Increase service life with continued low differential pressure drop.
- ✓ **Lantor Non-Woven Fabric Outer Sock:** Capable of withstanding constant temperatures up to 120°C/ 248°F.

Materials:	
Support Sleeves - Inner & Outer	Expanded Metal
Pre Filtration Layer	Glass Scrim (Remay)
Filtration Medium	Borosilicate Micro Glass Fibre
End Caps	Glass Filled Nylon or Pressed Metal
End Cap Bonding	Two Part Epoxy Resin
'O' Rings	High Nitrile or Viton*

\* dependant upon working conditions.