



AHLSTROM
MUNKSJÖ

Air/Oil Separator, Coalescing Filter Media

Delivering contaminant-free compressed air

Compressed air is an essential utility in industry. It is widely used in multiple applications; as a process fluid, for aeration purposes, to provide energy, to protect equipment and people.

Delivering clean, oil-free compressed air is important to guarantee low maintenance of downstream systems, but becomes critical in sensitive sectors such as food, pharma or medical.

Ahlstrom-Munksjö Glass AOS portfolio offers complete solutions for both:

- **Primary filtration stage** when the purpose is to separate and recycle oil guaranteeing optimal performance of the compressor.
- **Secondary filtration stage** when the purpose is to provide the right quality of air, even for most demanding industries.

Benefits

- ✓ Superior coalescing efficiency for cleaner air at low pressure drop; energy savings and extended filter lifetime.
- ✓ Complete range of efficiency, oil and water repellency to meet all customer requirements.
- ✓ Broad chemical compatibility.
- ✓ Extensive lamination capabilities allowing the addition of protective scrims to improve processing behavior without compromising performances for wrapped and pleated filters.

Ahlstrom-Munksjö Glass AOS

Glass microfiber media offering a complete range of efficiency, grammage, water and oil repellency. Combined with multiple customization and lamination capabilities for optimal air/oil separation whatever the customer's design.

		Basis Weight	Thickness	Air Efficiency	Pressure Drop	Water Repellency	Oil Repellency
Grade	Application	g/m ²	µm	%	mmH ₂ O	mmH ₂ O	kit# 3M
MFPS03AC	High efficiency particulate & oil removal from compressed air	78	450	99.999%	40,7	900	>9
MFPS05AC		78	500	99.97%	28,5	>1000	11
MFPS08AC		76	510	96%	12,5	900	>10
MFPS08AC90		90	550	95%	15	600	oleophilic
MFPS08AC105		105	680	95.5%	13,5	hydrophilic	oleophilic
MFPS09AC		84	550	85%	8,2	600	oleophilic
MFPS09AC80		80	530	85%	8,2	600	oleophilic
MFPS13AC98	Vacuum pump & air/oil separation compressor	98	650	70%	5,5	hydrophilic	oleophilic
MFPS13AC70		70	510	68%	4,6	700	10
MFPS13AC		84	600	72%	5,5	600	9
MFPS13WF		86	700	78%	5,6	800	12
MFPS15AC		76	550	55%	3,5	550	>10
MFPS30AC	Pre-filtration	65	500	20%	1,1	250	10

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