



Hydraulic Filter Media

Delivering contaminant-free hydraulic fluid

Ahlstrom-Munksjö hydraulic filter media deliver optimal and reliable filtration performance for industrial, mobile and aerospace applications.

Keeping hydraulic fluid contaminant-free, reducing maintenance and preventing failures of the fluid power system.

Ahlstrom-Munksjö Glass Hydraulic portfolio offers a complete range of solutions:

- Single-layer thin glass microfiber media and dual-layer alternative for extended dust holding capacity.
- Wide range of lamination configuration and materials to simplify pleating process at our customers.
- Dissipative surface treatment preventing build-up of static charges on the media for increased safety.

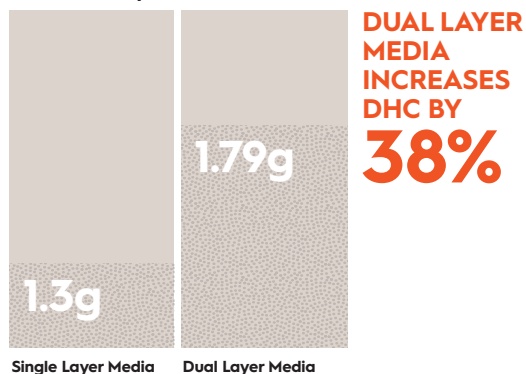
Benefits

- ✔ Very high filtration efficiency, delivering optimal ratio between particulate removal and pressure drop for the best protection of the fluid power system.
- ✔ Advance glass microfiber 3D structure with excellent mechanical stability, enhanced consistency and high temperature resistance.
- ✔ Gradient dual layer media delivering up to 60% higher dust holding capacity, extending filter change intervals.
- ✔ Extensive flexibility and state-of-the-art capability to laminate protective scrim for improved mechanical and processing performances.

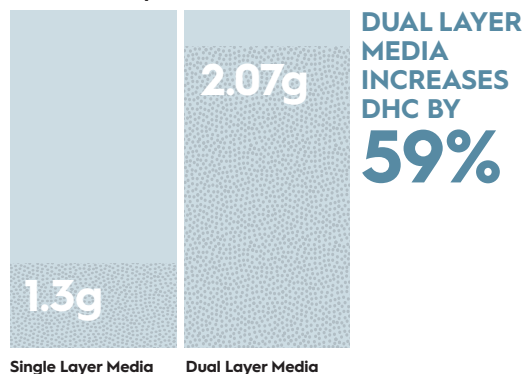
Ahlstrom-Munksjö Glass Hydraulic

Superior dust holding capacity (DHC) for dual-layer media whatever the efficiency. These results represent the injected mass through a disc of 113 cm² according to ISO 16889.

BETA 200, 10 µm



BETA 200, 20 µm



Grades	Media Structure	Basis Weight	Beta 200 (99.5%)	Beta 1000 (99.9%)	Thickness	Permeability	Dust Holding Capacity	Burst Strength
		g/m ²	µm	µm	µm	L/m ² /s	g/m ²	kPa
MFPS0601	Single Layer	80	<4	4	490	>43	90	n/a
MFPS06D92	Dual Layer	92	<4	<4	560	>40	170	n/a
MFPS0801	Single Layer	80	4,2	6	490	>80	100	n/a
MFPS0901	Single Layer	80	6,2	7,9	490	>110	110	n/a
MFPS13S1	Single Layer	68	9,3	11,5	460	205	110	n/a
MFPS1301	Dual Layer	78	9,3	11,5	500	205	150	n/a
MFPS1501	Dual Layer	78	14	17	500	295	180	n/a
MFPS20S1	Single Layer	68	16	19	480	385	130	n/a
MFPS2001	Dual Layer	78	16	19	520	385	210	n/a
MFPS2501	Dual Layer	78	19	22,5	520	485	210	n/a
MFPS2801	Single Layer	68	24	27	500	900	240	n/a
MFPS3001	Single Layer	68	28	32	500	1140	240	n/a
M20PS0601	Downstream Lamination	105	<4	4	580	>40	90	120
M20PS0901		105	6,2	7,9	580	>105	110	120
M20PS1301		105	9,3	11,5	600	195	150	120
M20PS1501		105	14	17	600	245	151	120
M20PS2001		105	15,4	18,5	620	380	220	120
UM20PS3001	Upstream Lamination	95	28	32	600	815	240	120
B20PS0601	Up- & Downstream Lamination	130	<4	4	650	>40	90	150
B20PS0901		130	6,2	7,9	680	>100	105	150
B20PS1301		130	9,3	11,5	660	190	150	150
B20PS1501		130	13,5	16,5	680	245	180	150
B20PS2001		130	15,4	18,5	680	365	220	150
MFPS1301-C	Dual Layer - Dissipative	78	9,3	11,5	500	205	150	n/a
MFPS2501-C		78	19	22,5	520	485	210	n/a

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