

Stainless Steel Metal Fiber Felt

Metal Fiber Felts are multi-layers of fibers from as small as 2 μm . After calendaring and sintering the resulting filter media is extremely strong, and corrosion and heat resistant. The structure of the media can be designed to meet the required filtration rate, porosity, dirt holding capacity and strength.

- material: 304/304L, 316/316L, Nickel, Hastelloy und FeCrAl

Industrial Filtration – Gas, Chemical, Polymer, Diesel, ...

Designation	Filtration rate μm	Bubble Point Pressure Pa (+-8%)	Air Flow L/min/dm ² min	Dirt Holding mg/cm ² (+-20%)	Thickness mm (+-0.05)	Weight g/m ²	Porosity % (+-5%)
Standard Series							
S3D	3	12300	10	/	/	/	68
S5D	5	6000	35	2	0.43	1200	75
S10D	10	3700	100	4	0.62	1200	77
S15D	15	2600	130	6	0.42	750	78
S20D	20	1890	230	10	0.56	1050	75
S25D	25	1560	330	15	0.77	1050	80
S30D	30	1300	450	15	0.50	750	80
S40D	40	975	580	20	0.72	1200	78
S60D	60	690	1100	30	0.60	750	85
S100D	100	630	1220	50	0.72	875	88
Medium Series							
M15D	15	2600	150	10	0.70	1000	82
M20D	20	1890	300	15	0.67	900	84
M25D	25	1540	400	15	0.45	900	75
M40D	40	1020	550	25	0.47	900	75
Robust Series							
R5D	5	6000	35	2	0.43	1200	62
R10D	10	3700	70	4	0.62	1200	70
R15D	15	2600	110	6	0.52	900	74
R20D	20	1890	230	8	0.46	900	74
R25D	25	1560	300	10	0.52	900	76
R30D	30	1300	500	20	0.56	900	80
Light Series							
L15D	15	2400	200	7	0.27	600	75
L20D	20	1800	250	5.5	0.23	550	70



The maximum size is
1500 * 1200 mm

Other specifications and
fiber felt with mesh support
are available also.

The test specifications are for reference only. The air flow was tested at 200 Pa according to ISO 4022, the filtration rate with a bubble point test according to ISO 4003, the dirt holding capacity according to ISO 4572

Robust – Precise – Corrosion resistant – Heat resistant