



Metallic Fiber Felt



Liquid and gas filtration, general fluid handling

Material:

- 316L, Nickel, Titanium, Hastelloy, and other alloys.
Fiber diameters from 2-50 μm , bundle drawn, layered very evenly, sintered, and calandered.
- High porosity and good dirt holding capacity.
- Micron ratings from 2 μm and up.
- For better stability the felt it is often sintered to a layer of light pleatable mesh.
- Max size: 1000 * 2000 mm.

Metallic fiber felt for multiple purposes

Heat shielding, noise / shock absorption, burner pads.

- Shaved fibers.
- Various fiber shape/length ratios.
- 316L, FeCrAl, 310, other alloys.
- Max size: 1000 * 2000 mm.



Specifications for stainless steel 316L fiber media

Fiber felt name	Filter rating μm	Bubble point Pa	Air flow $\text{L/dm}^2/\text{min}$	Dirt holding capacity mg/cm^2	Thickness mm	Porosity %
S						
S3D	3	12300	10	12	0,37	67
S5D	5	7600	34	6	0,35	80
S10D	10	3600	100	7,6	0,53	77
S15D	15	2450	140	8	0,42	80
S20D	20	1870	240	15,5	0,53	81
S25D	25	1530	340	18,4	0,68	80
S30D	30	1300	450	25	0,46	80
S40D	40	1010	580	25,9	0,62	78
S60D	60	805	1000	35,7	0,49	82
S100D	100	580	1200	60	0,69	88
M						
M15D	15	2450	150	19,5	0,78	83
M20D	20	1870	270	25,5	0,64	83
M25D	25	1530	360	32	0,52	78
M40D	40	1010	460	40	0,47	87
R						
R5D	5	7030	30	1	0,45	62
R10D	10	3600	75	5	0,63	70
R15D	15	2450	150	5,6	0,52	72
R20D	20	1870	250	10	0,52	74
R25D	25	1530	350	14	0,51	76
R30D	30	1300	450	17	0,53	79
L						
L15D	15	2450	150	7	0,27	72
L20D	20	1870	250	5,5	0,17	67
Tolerances		+ - 8%	$\geq$	-0,1	+ - 0,05mm	-0,05

We can sinter fiber felt to various metallic medias. Woven wire mesh can add drainage and support. Perforated sheet metal can provide a very strong and robust construction. Fiber Felt can be integrated into many of our fabricated products.

We custom design metallic fiber felt for your product.



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