



16 bar
operating pressure

60 to 2.760 Nm³/h
volume flow rate

3/8" to 3"
connections

1,5 to 65 °C
operating temperature range

RAL 3020
standard colour

DESCRIPTION

AFs filters are designed for applications in paint industry. Quantity of substances that could cause impairments in paint wetting applications or cause defects in paint work have been reduced to a minimum.

To meet the required compressed air quality appropriate "paint compatible" filter element must be installed into filter housing.

AFs SERIES

SILICONE FREE FILTERS



Ms 0,1 µm



Ss 0,01 µm



APPLICATIONS

- Painting
- Automotive industry

Drain valve

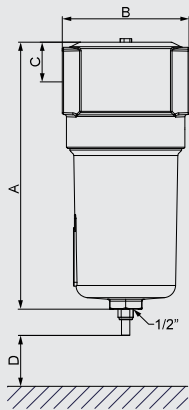


MCDI





TECHNICAL DATA									FILTER ELEMENTS	
Filter model	Pipe size	Flow rate at 7 bar(g), 20 °C		Dimensions [mm]				Mass	Ms Microfilter 0,1 µm	Ss Microfilter 0,01 µm
	inch	Nm³/h	scfm	A	B	C	D	kg		
AFs 0056	3/8"	60	35	192	88	25	60	0,6	06050 Ms	06050 Ss
AFs 0076	1/2"	78	46	192	88	25	60	0,6	07050 Ms	07050 Ss
AFs 0106	3/4"	120	70	262	88	25	80	0,7	14050 Ms	14050 Ss
AFs 0186	1"	198	116	264	125	39	100	1,2	12075 Ms	12075 Ss
AFs 0306	1"	335	197	364	125	39	120	1,6	22075 Ms	22075 Ss
AFs 0476	1 1/2"	510	300	464	125	39	140	1,9	32075 Ms	32075 Ss
AFs 0706	1 1/2"	780	459	644	125	39	160	2,6	50075 Ms	50075 Ss
AFs 0946	2"	1000	588	695	164	50	520	5,7	51090 Ms	51090 Ss
AFs 1506	2"	1500	882	942	164	50	770	7,6	76090 Ms	76090 Ss
AFs 1756	2 1/2"	1680	990	942	164	50	770	7,3	76090 Ms	76090 Ss
AFs 2006	3"	2160	1270	801	242	60	630	14,1	51140 Ms	51140 Ss
AFs 2406	3"	2760	1620	1000	242	60	780	16,7	75140 Ms	75140 Ss



quality class - solids (ISO 8573-1)	2	1
quality class - oils (ISO 8573-1)	2	1
residual oil content	<0,1 mg/m³	<0,01 mg/m³
pressure drop - new element-dry [mbar / psi]	50/0,725	80 / 1,160
pressure drop - new element-wet [mbar / psi]	120/1,74	190 / 2,756
change filter element at pressure drop [mbar / psi]	350 mbar	350 mbar
filter media	borosilicate micro fibres	borosilicate micro fibres
pleated version	✓	✓
wrapped version	-	-
sintered version	-	-
min. operating temperature (°C / °F)	1,5 / 35	1,5 / 35
max. operating temperature (°C / °F)	65 / 149	65 / 149

CORRECTION FACTORS															
Operating pressure [bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
Operating pressure [psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
Correction factor	0,38	0,50	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13