

AFs SERIES

SILICONE FREE FILTERS

operating pressure	16 bar
volume flow rate	60 to 2760 Nm³/h
connections	3/8" to 3"
operating temp. range	1,5 to 65 °C
standard colour	RAL 3020

APPLICATIONS

- painting
- automotive industry

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.



Ms; 0,1 µm



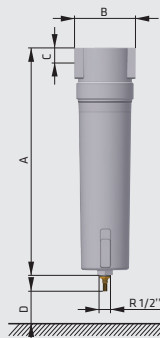
Ss; 0,01 µm





TECHNICAL DATA **FILTER ELEMENTS**

Filter model	Pipe size	Flow rate at 7 bar(g), 20 °C		Dimensions [mm]				Mass	Ms	Ss
		inch	Nm ³ /h	scfm	A	B	C		D	Microfilter 0,1 µm
AFs 0056	3/8"	60	35	187	88	20	60	0,7	06050 Ms	06050 Ss
AFs 0076	1/2"	75	46	187	88	20	60	0,7	07050 Ms	07050 Ss
AFs 0106	3/4"	120	70	257	88	20	80	0,8	14050 Ms	14050 Ss
AFs 0186	1"	198	116	263	125	32	100	1,8	12075 Ms	12075 Ss
AFs 0306	1"	335	197	363	125	32	120	2,5	22075 Ms	22075 Ss
AFs 0476	1 1/2"	510	300	461	125	32	140	2,5	32075 Ms	32075 Ss
AFs 0706	1 1/2"	780	459	640	125	32	160	3,2	50075 Ms	50075 Ss
AFs 0946	2"	1000	588	684	163	43	520	5,1	51090 Ms	51090 Ss
AFs 1506	2"	1500	882	935	163	43	770	7,1	76090 Ms	76090 Ss
AFs 1756	2 1/2"	1680	990	935	163	43	770	6,9	76090 Ms	76090 Ss
AFs 2006	3"	2160	1270	795	240	59	630	12,9	51140 Ms	51140 Ss
AFs 2406	3"	2760	1620	1000	240	59	780	14,0	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/m ³	<0,01 mg/m ³
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