

# FILTER HOUSING AFsFC - silicone free

(Silicone free + Paint compatible)

## DESCRIPTION

AFsFC filters have been specifically developed 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.

## APPLICATIONS <sup>(2)</sup>

- Painting applications
- Automotive industry



<sup>(1)</sup> For any other technical gas please contact us or your local dealer

<sup>(2)</sup> AFs filter housing can be used in variety of applications. For applications not listed please contact us or your local dealer.

## TECHNICAL SPECIFICATION

Operating temperature	1,5 - 65 °C	35 - 149 °F
Operating pressure	0 - 16 bar(g)	0 - 232 psi

## MATERIALS

Housing material	Aluminium
Fittings, Screws	Brass, Brass-zinc plated, Steel
Cover	ABS
Sealing	NBR (silicone free)
Corrosion protection	Anodized (optional)
Outside protection	Powder paint coated (Epoxy-polyester base)
Lubricant	/



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**SIZES**

FILTER HOUSING	PIPE SIZE [inch]	FILTER ELEMENT	FLOW CAPACITY		DIMENSIONS [mm]				VOLUME [l]	WEIGHT [kg]
			[Nm <sup>3</sup> /h]	[scfm]	A	B	C	D		
AFsFC 0056	3/8"	06050 _	60	35	192	88	25	60	0,49	0,6
AFsFC 0076	1/2"	07050 _	78	46	192	88	25	60	0,49	0,6
AFsFC 0106	3/4"	14050 _	120	70	262	88	25	80	0,68	0,7
AFsFC 0186	1"	12075 _	198	116	264	125	39	100	1,57	1,2
AFsFC 0306	1"	22075 _	335	197	364	125	39	120	2,1	1,6
AFsFC 0476	1 1/2"	32075 _	510	300	464	125	39	140	2,7	1,9
AFsFC 0706	1 1/2"	50075 _	780	459	644	125	39	160	3,8	2,6
AFsFC 0946	2	51090 _	1000	588	695	164	50	520	6,1	5,7
AFsFC 1506	2	76090 _	1500	882	942	164	50	770	8,3	7,6
AFsFC 1756	2 1/2"	76090 _	1680	990	942	164	50	770	8,4	7,3
AFsFC 2006	3"	51140 _	2160	1270	801	242	60	630	16,7	14,1
AFsFC 2406	3"	75140 _	2760	1620	1000	242	60	780	21,3	16,7

Flow capacity at 7 bar(g), 20°C

Standard is BSP pipe connection, other pipe connection on request.

**RESSURE EQUIPMENT DIRECTIVE PED 2014/68/EU (Fluid group 2)**

AFsFC 0056 - AFs 0476	Article 4.3
AFsFC 0706 - AFsFC 1756	Category 1, Module H
AFsFC 2006 - AFsFC 2406	Category 2, Module H

**PRESSURE EQUIPMENT DIRECTIVE PED 2014/68/EU (Fluid group 1)<sup>(3)</sup>**

AFsFC 0056 - AFsFC 0106	Article 4.3
AFsFC 0186 - AFsFC 0476	Category 1, Module H
AFsFC 0706 - AFsFC 1756	Category 2, Module H
AFsFC 2006 - AFsFC 2406	Category 3, Module H

<sup>(3)</sup> Fluid group must be specified in the order, if not standard fluid group 2 is selected.

**CORRECTION FACTORS**

To calculate the correct capacity of a given filter based on actual operating conditions, multiply the nominal flow capacity by the appropriate correction factor(s).

CORRECTED CAPACITY = NOMINAL FLOW CAPACITY x C<sub>OP</sub>


**OPERATING PRESSURE**

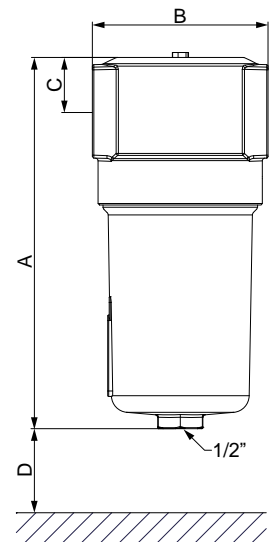
[bar]	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
[psi]	29	44	58	72	87	100	115	130	145	160	174	189	203	218	232
C <sub>OP</sub>	0,38	0,5	0,63	0,75	0,88	1	1,13	1,25	1,38	1,50	1,63	1,75	1,88	2,00	2,13

**MAINTENANCE**

Replace filter element at least every 12 months or follow the instructions for specific filter element. Once per year make a visual check of filter housing and make sure there is no visual damage.

INFORMATION IN THIS DOCUMENT IS SUBJECT TO CHANGE WITHOUT NOTICE

	Our quality management system is certified by BUREAU VERITAS in conformity with ISO 9001:2015 Reg. number: 200285
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