



P4/FR

Flexible hose made of a layer of flame retardant silicone-coated fibreglass fabric, internal and visible copper steel wire helix and external fibreglass cord.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY	FIRE REACTION
Light Blue	4 m. standard	-60°C +270°C (peak +300°C)	from 22 to 305 mm	30%	EN 45545-2:2013+A1:2015 (R1/HL1,HL2)

PRODUCTION DIAMETERS

22	25	26	28	30	32	35	38	39	41	42	44	45	51	52	55	57	58	60	62	63	64	65	67	70	72
76	80	83	89	92	95	102	108	110	114	120	127	130	140	152	160	165	170	178	180	203	229	254	305		

Diameters other than those indicated are available by prior feasibility check.

MAIN APPLICATIONS

Suction, extraction and blowing of air even with dusty particles in presence of high temperatures.

MAINTENANCE

Periodically check the state of wear of the hose and immediately replace it if damaged or broken. Pay maximum attention to the duct operating temperatures.

TECHNICAL DATA

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H ₂ O]	[mm]	[gr/m]
25	1,60	5100	8	120
38	1,30	5000	12	168
51	1,20	4300	16	250
63	1,10	4000	20	300
76	1,10	3400	25	410
89	1,00	3000	29	490

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H ₂ O]	[mm]	[gr/m]
95	0,90	2800	33	550
102	0,90	2600	35	650
114	0,90	2200	40	720
127	0,80	1700	46	800
152	0,70	1400	50	980
180	0,60	1100	60	1190
203	0,50	700	68	1330
254	0,40	450	100	1650
305	0,10	300	116	2000

The control pressure (expressed in bar*) is equal to the operating pressure by 1,5. The maximum pressure (expressed in bar*) is equal to the operating pressure by 3. Data given in this table are approximate. * Pressure and vacuum data based on +20°C room temperature.

GREEN BUILDING

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MATERIALS

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APPLICATIONS

OEM	Working Temperature	Easy pack	Self-extinguishing	Industry	Naval	Transport	Grilles and Diffusers	Non-magnetic*
					*on request			
Aviation*	Extractor Hoods	High temp. Suction	CMV Transp. Means	CMV Mech. Means				

OPTIONS

Flexible hose P4-FR with ending couplings, on request.

Flexible hose P4/FR ISO insulated with melamine foam and neoprene anti-steam sheath

