



P4-S ISO

Flexible hose made of a double layer of silicone-coated fibreglass fabric, embedded copper steel wire helix and double external fibreglass cord, with melamine insulation and external black neoprene anti-steam sheath.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY
Brick Red inside, Black outside	3 m. standard	-60°C +270°C (peak +300°C)	from 25 to 254 mm	30%

PRODUCTION DIAMETERS

25	30	32	35	38	39	41	44	45	51	55	57	60	63	64	70	80	83
89	95	102	114	120	127	130	140	152**	160**	178**	203**	254**					

** Hoses produced with a double layer of melamine. 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]
38	2,60	6000	18	415
51	2,60	5200	24	490
63	2,40	4600	31	655
76	2,20	4300	38	760
89	2,00	4000	44	920
95	1,90	3700	49	970

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H ₂ O]	[mm]	[gr/m]
102	1,90	3500	52	1020
114	1,50	3000	60	1105
127	1,40	2400	69	1225
152	1,20	1700	75	1630
180	1,00	1200	90	1910
203	0,70	900	101	2130
254	0,50	700	150	2735

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	Smooth Surface	Working Temperature	Easy pack	Tear Resistance	Industry	Naval	Transport	Grilles and Diffusers
						*on request		
Non-magnetic*	Aviation*	Extractor Hoods	High temp. Suction	CMV Mech. Means	Prolonged anti condensation			