



P8-S/PES

Flexible hose made of a double layer of neoprene-coated polyester fabric, embedded copper steel wire helix and double external fibreglass cord.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT					
COLOR	LENGTH	WORKING TEMPERATURE	PRODUCTION DIAMETERS	AXIAL COMPRESSIBILITY	COMPLIANT TO FLAME RETARDANT STANDARDS
Black	4 m. standard (2 m for ø 19 mm)	-55°C +130°C (peak +150°C)	from 19 to 305 mm	30%	Class M1 (UNE 23723-90) CL V-0 (UL-94)

PRODUCTION DIAMETERS																											
19**	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 available only in length of 2mt
Diameters other than those indicated are available by prior feasibility check.

MAIN APPLICATIONS	MAINTENANCE
Industrial suction and ventilation. Cooling of electronic equipments and ship machine rooms. Diesel air suction and motor vehicle heating.	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]
19	3,00	7300	9	110
25	2,80	7100	12	185
38	2,60	6000	18	305
51	2,60	5200	24	360
63	2,40	4600	31	485
76	2,20	4300	38	580

DIAMETERS	OPERATING PRESSURE	OPERATING VACUUM	INSIDE CURVATURE RADIUS	WEIGHT
[mm]	[bar]	[mm H ₂ O]	[mm]	[gr/m]
89	2,00	4000	44	690
95	1,90	3700	49	730
102	1,90	3500	52	770
114	1,50	3000	60	845
127	1,40	2400	69	925
152	1,20	1700	75	1200
180	1,00	1200	90	1430
203	0,70	900	101	1650
254	0,50	700	150	2090
305	0,30	500	200	2550

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	Flexibility	Working Temperature	Easy pack	Self-extinguishing	Tear Resistance	Industry	Naval
							*on request	
Transport	Grilles and Diffusers	Non-magnetic*	Aviation*	Extractor Hoods	High Temp. Suction	CMV Mech. Means		

OPTIONS	
Flexible hose P8-S PES with ending couplings, on request.	Flexible hose P8-S PES/ISO insulated with melamine foam and neoprene anti-steam sheath

