



# P4-S/PES

Flexible hose made of a double layer of silicone-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
Brick Red	4 m. standard (2 m for ø 19 mm)	-50°C +210°C	from 19 to 305 mm	30%

## 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

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 <sub>2</sub> 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 <sub>2</sub> 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

Thanks also to the support of GreenMap, products manufactured by Tecnica srl contribute to obtain the credits of the major international rating systems for sustainable buildings:



LEED

Contributes to credits:

MR



WELL

Contributes to credits:

MATERIALS

For further details regarding the specific contributions to the credits indicated, contact Tecnica Srl.

## APPLICATIONS

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

## OPTIONS

Flexible hose P4-S PES with ending couplings, on request.

