

SA10 MasterSan™ Sanitizing air-conditioning flexible hoses



Specification item:

Flexible hose made from addivated polyolefin resin film and anti-bacterial/anti-mildew master and steel wire helix

made in collaboration with Sanitized®



SPECIFICATIONS

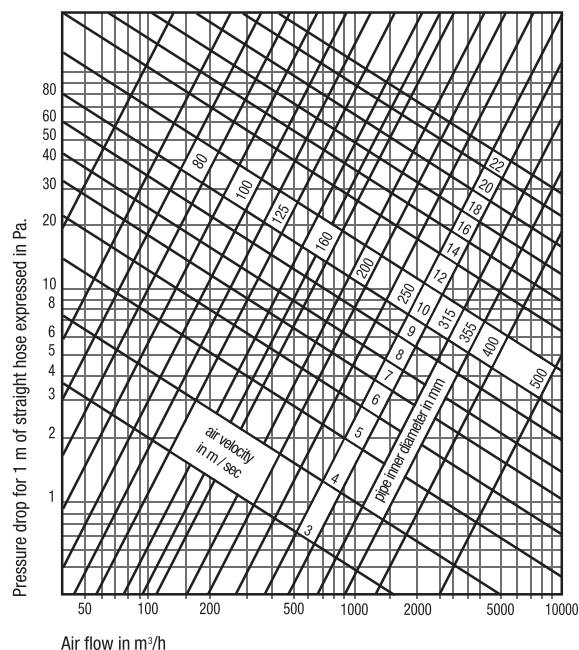
- COLOUR: Grey
- LENGTHS: from 10 m standard
- PRODUCTION DIAMETERS: from 80 to 406 mm
- WORKING TEMPERATURE: -20°C /+90°C (+110°C peak)
- CURVATURE RADIUS: 0.6 x ϕ
- AIR SPEED: max 20 m/sec
- PRESSURE: max 200 mm wc

APPLICATIONS

Air conditioning, mechanical ventilation. Connection of nozzles and diffusers

On request, SA 10 is available in non-magnetic version.

PRESSURE DROP DIAGRAM (Air temperature 20°C)



CERTIFICATIONS

Fire Reaction Non-toxicity of fumes - Heat and sound absorption - Rolling stock - Bacterial abatement certificate

FIRE REACTION

- 🇮🇹 ITALIAN CLASS: Class 1 (D.M. 26/06/84)
- 🇪🇺 EUROCLASS: Class B-s1, d0 (EN 13823:2010)
- 🇩🇪 GERMAN CLASS: Class B2-0.095mm (DIN 4102 Teil 1 p.6.2)
- 🇫🇷 FRENCH CLASS: Class M1 (AFNOR NF P 92-507 § 3.1.2)

PRODUCTION DIAMETERS

80 - 102 - 127 - 152 - 160 - 180 - 203 - 254 - 305 - 318 - 356 - 406

Examples of calculation of flow rates and pressure drop:

Diameters	Air speed 8 m/sec		Air speed 10 m/sec	
	Air flow in m³/h	Pressure drop in Pa	Air flow in m³/h	Pressure drop in Pa
80	152	19	190	31
102	250	15	333	24
127	383	12	368	18
160	575	8	773	14
203	900	6,5	1151	10,5
254	1445	4,7	1843	7,5
318	2278	3,7	3105	6
356	3058	3	3850	5,2
406	3845	2,7	4590	4,4
508	5111	2	8223	3

To calculate the flow rates and pressure drop of the other diameter, use the diagram alongside.