



AC

Light flexible hose made of polyester fabric coated with additivated polyolefin resins and steel wire helix.

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

COLOR	LENGTH	PRODUCTION DIAMETERS	FIRE REACTION	WORKING TEMPERATURE	CURVATURE RADIUS	AIR SPEED	PRESSURE
Grey	10 m standard	from 80 to 610 mm	Class 1 (D.M. 26/06/84)	-20°C +90°C (peak +110°C)	0,6 x ø	max 32 m/sec	max 250 mm H ₂ O

PRODUCTION DIAMETERS

80	89	102	110	121	127	140*	152	160	180	203	228*	254	279*	305	318	356	406	457	508	559*	610*
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*Diameters available on request. Diameters other than those indicated are available by prior feasibility check.

MAIN APPLICATIONS

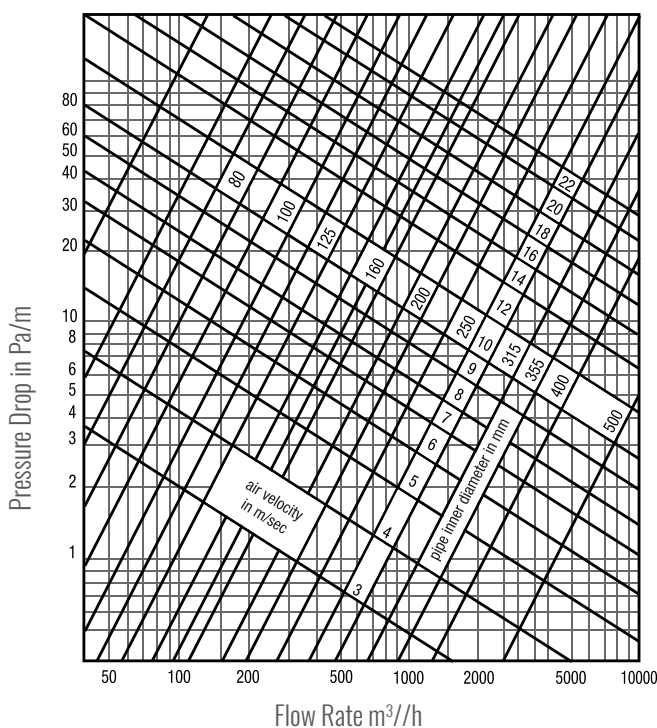
Light suction of fumes, gases and vapours. Civil and naval ventilation and aeration.

MAINTENANCE

Periodically check the critical points of the system (curves, junctions, fastening points...) to ensure its correct operation.

PRESSURE DROPS DIAGRAM

(Air Temperature 20°C)



PRESSURE DROPS TABLE WITH CALCULATION EXAMPLES

To calculate the flow rates and pressure drops of the other diameters, use the beside diagram.

DIAMETERS [mm]	AIR SPEED - 8 m/s		AIR SPEED -10 m/s	
	FLOW RATE [m ³ /h]	PRESSURE DROP [Pa/m]	FLOW RATE [m ³ /h]	PRESSURE DROP [Pa/m]
80	152	19	190	31
102	250	15	333	24
127	383	12	368	18
160	575	8	773	14
203	900	7	1151	11
254	1445	5	1843	8
318	2278	4	3105	6
356	3058	3	3850	5
406	3845	3	4590	4
508	5111	2	8223	3

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

Residential	Flexibility	Easy Pack	Self-extinguishing	Tear resistance	Calibrated diameters*	Anti UV*	Certified REACH	Certified RoHS
HF								*on request
Halogen free	Compact version*	Industry	Building	Non-magnetic*	Temporary air conditioning			