



AC

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

TECHNICAL SPECIFICATIONS AND USAGE LIMIT

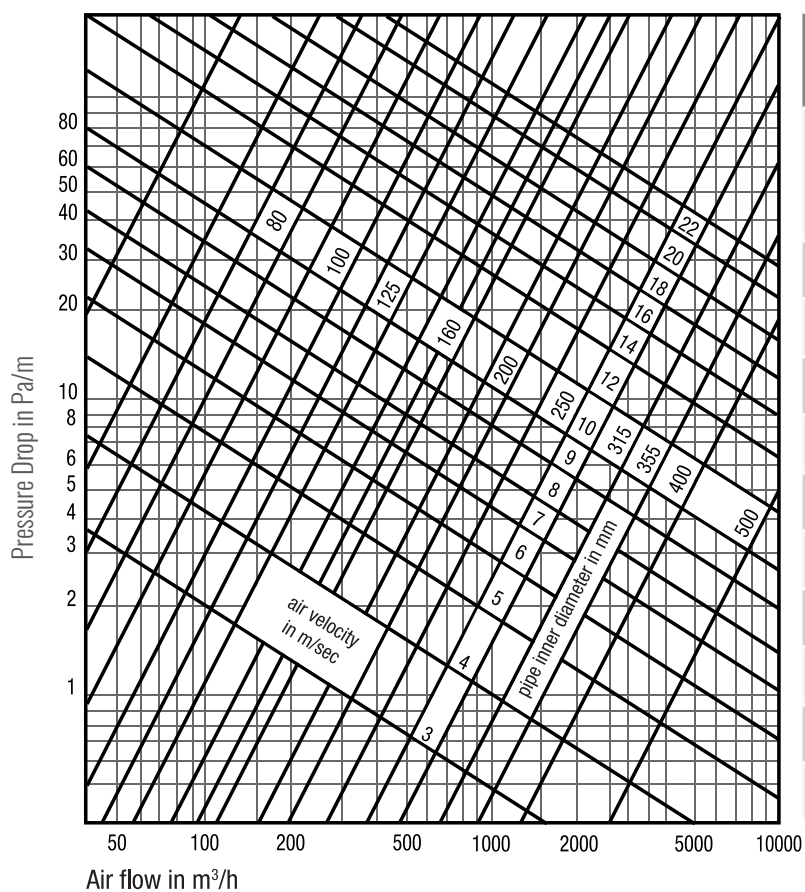
COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	CURVATURE RADIUS	AIR SPEED	PRESSURE
Black. On request Green or Grey.	10 m standard	from 80 to 610 mm	-20°C / +90°C (peak +110°C)	0,6 x Ø	max 32 m/sec	max 250 mmH ₂ O

PRODUCTION DIAMETERS

80	89*	102	110*	121	127	133*	140*	152	160	180	203
228*	254	279*	305	318	356	406	457*	508	559*	610	

*Diameters available on request
Diameters other than those indicated are available by prior feasibility check

PRESSURE DROPS DIAGRAM (Air temperature 20°C)



PRESSURE DROPS TABLE WITH CALCULATION EXAMPLES

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

DIAMETER [mm]	AIR SPEED 8m/s		AIR SPEED 10m/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

CERTIFICATION FOR FIRE REACTION

IT	Class 1 (D.M. 26/06/84) Omologation nr.: RE1205C20D100003
FR	Class M1 (NF P 92-507:2004)

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:
IP, EA, MR



WELL

Contributes to credits:
MATERIALS, COMMUNITY

BREEAM[®]

BREEAM

Contributes to credits:
MAN, WST

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

APPLICATIONS

Residential	Flexibility	Easy Pack	Self-extinguishing	Tear Resistant	Calibrated Diameters*	REACH Certified	RoHS Certified	Halogen Free
Compact Version*	Industry	Building	Air Conditioning	CMV	Non-magnetic*	CMV transp. Means	CMV Mech. Means	Recreational Boats

*on request