



# F6

Flexible hose made of additivated polyolefin resins film (wall thickness 60 micron) and steel wire helix.

## TECHNICAL SPECIFICATIONS AND USAGE LIMIT

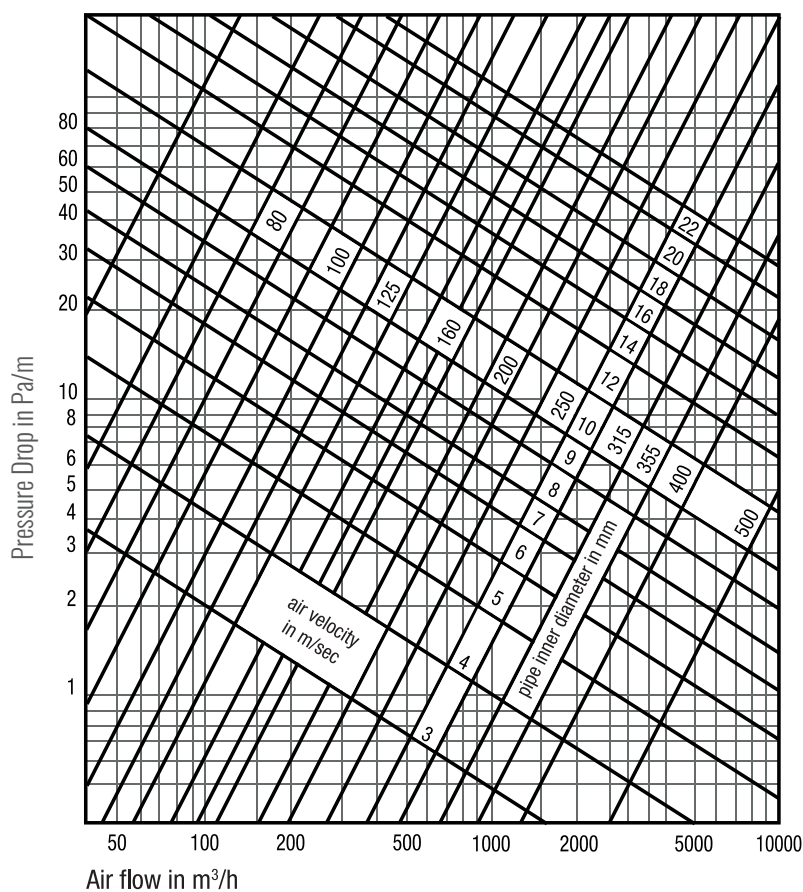
COLOR	LENGTH	PRODUCTION DIAMETERS	WORKING TEMPERATURE	CURVATURE RADIUS	AIR SPEED	PRESSURE
Grey	10 m standard	from 80 to 406 mm	-20°C / +90°C (peak +110°C)	0,6 x Ø	max 20 m/sec	max 200 mmH <sub>2</sub> O

## PRODUCTION DIAMETERS

80	102	127	152	160	165*	180	203	254	305	318	356	406
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\*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 [m3/h]	PRESSURE DROP [Pa/m]	FLOW RATE [m3/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	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

## CERTIFICATION FOR FIRE REACTION



IT

Class 1 (D.M. 26/06/84)  
Omologation nr.: RO3827C20D100001

FR

M1 (NF P 92 507:2004)

EU

class B-s1, d0 (EN 13501-1:2009)

## 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*	Building	Air Conditioning	CMV	Non-magnetic*	Temporary air conditioning			*on request