

TECHNICAL DATA SHEET



Flexible pipe made with AL/PET/AL (aluminium/polyester/aluminium) micro-perforated walls to reduce air-flow noise and steel wire helix. Thermo-insulating covering in polyester fibre (thickness 25mm/ 16 kg/m³). Outer aluminized polyolefin film protection (flame retardant). The sturdiness of the heat-bonded polyester fibre prevents dispersion of microfibers during air flow and maintains its integrity over the years. Lengths: from 10m

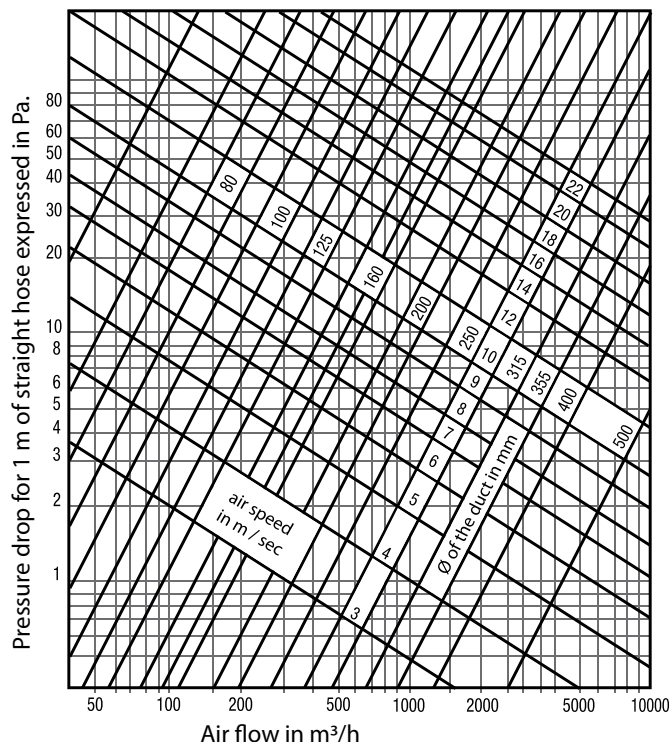
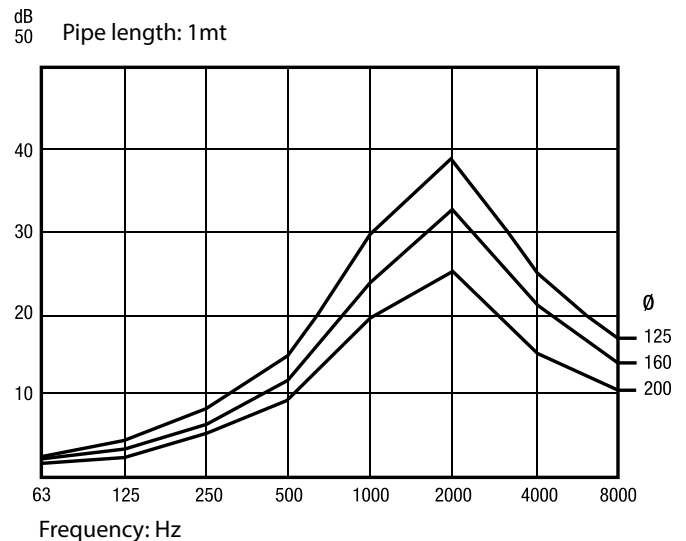
CERTIFICATIONS: Fire Reaction - Thermal insulation and sound absorption



Size	Code
DN 100 mm x 10 m	7045370
DN 125 mm x 10 m	7045371
DN 160 mm x 10 m	7045373
DN 200 mm x 10 m	7045374

Specifications	
Colour	Aluminium
Working Temperature	-30°C/+140°C (+180°C peak)
Curvature Radius	0,8 - 1,5 x Ø
Air Speed	max 32 m/s
Pressure	max 250 mm wc
Fire Reaction	ITALIAN CLASS: Class 1 (D.M. 26/06/84) EUROCLASS: Internal Hose Class B-s1, d0 (EN 13823:2010) Thermo-Insulating Covering Class B-s2, d0 (UNI EN 13501-1:2009)

SOUND REDUCTION CURVE



Examples of calculation of low rates and pressure drop

Air speed 4 m/s

Ø mm	Air Flow m ³ /h	Pressure drop Pa
102	117	3,9
127	182	3
160	289	2,3
203	465	1,7

Examples of calculation of low rates and pressure drop

Air speed 5 m/s

Ø mm	Air Flow m ³ /h	Pressure drop Pa
102	147	6,2
127	228	4,9
160	361	3,6
203	582	2,7