

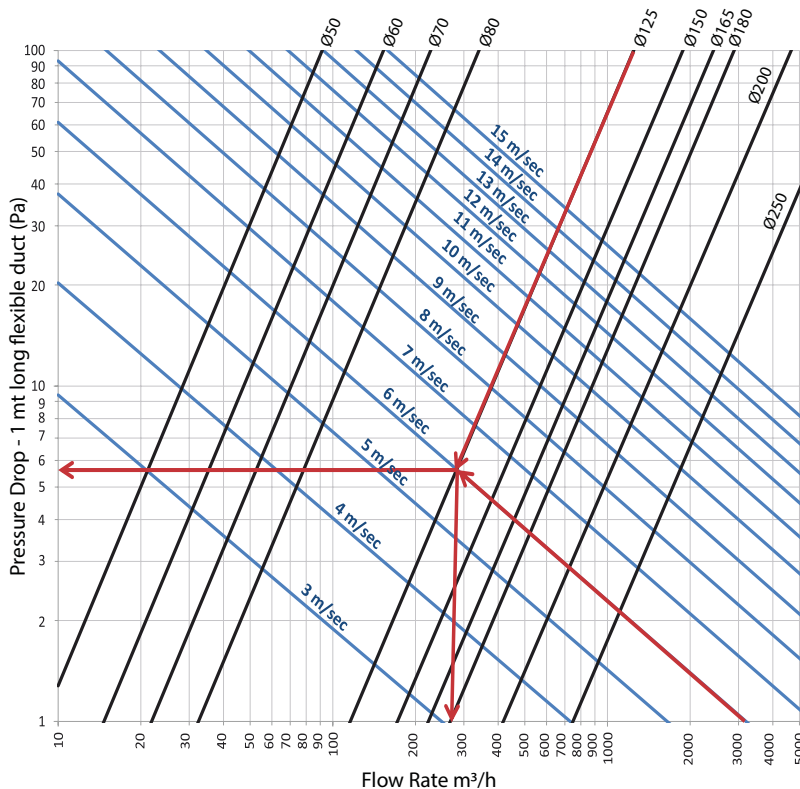
## TECHNICAL DATA SHEET



Flexible hose made of: addivated polyolefin resins film with anti-bacterial and anti-mildew master, thermo-insulating coating in netted and closed-cell foam polyethylene, external protection in addivated polyolefin resins film, embedded steel wire helix. Roll length: 10 m.



Size	Weight (gr/m)	Code
DN 100 mm x 10 m	200	7045360
DN 125 mm x 10 m	254	7045361
DN 165 mm x 10 m	342	7045364
DN 200 mm x 10 m	492	7045365



Specifications	
Color	Grey
Operating Temperatures	-20 °C / +90 °C (peaks +115°C)
Thickness of pipe	4 mm
Bending radius	1,2 / 1,8 x Ø
Air speed	max 20 m/sec
Pressure	max 200 mm H <sub>2</sub> O
Fire reaction	IT Class 1 (D.M. 26/06/84)
	EU Class EN B / s2, d0 (13501-1:2009)



Netted Polyethylene foam type CL1			
Physical and mechanical properties	Value	Unit	Rules
Density	30	Kg/m <sup>3</sup>	ISO 845
Resistenza Termica a 20 °C	0,12	m <sup>2</sup> K/W	UNI EN 12664:2002
Coefficient of thermal conductivity at 0°C (λ)	0,032	W/mk	UNI EN 12664:2002
Coefficient of thermal conductivity at 30°C (λ)	0,035	W/mk	UNI EN 12664:2002
Coefficient of resistance to water steam diffusion	>65.000	μ	DIN 52615
Permeability to water steam	0,12	Ng/Pa s m	DIN 52616
Water absorption after 28 days	<3	Vol. %	DIN 53433
Compressive strength at 10%	190	g/cm <sup>2</sup>	ISO 3386/1
Duct tightness (test performed on the uninsulated pipe)	Classe D		EN 12237 - EN 1507 - EN 12599
	Compliant		EN 13180
Operating temperature with mechanical stress	-40 ÷ +100	°C	

