

TECHNICAL SHEET



100% HDPE flexible power grade pipe, double wall, corrugated on the outside and smooth on the inside, manufactured according to DIN EN 50086-24 specifically for ventilation systems. Thanks to the use of Sanitized® technology, the pipe is sanitised for its entire life cycle. It is supplied with 4 mm closed-cell polyethylene foam thermal-acoustic insulation. Thermal conductivity 0,039 W/mK at 10 °C. Available with outside diameter 75mm, 90mm. Packaging: 50m roll



Size	Code
Ø 75mm	7045095
Ø 90mm	7045096

TECHNICAL CHARACTERISTICS			
Characteristic	Unit	DN75	DN90
Pipe Inside Diameter		63	76
Pipe Outside Diameter	mm	75	90
Total Outside Diameter		83	98
Insulation sheath thickness	mm	4	
Thermal conductivity	W/(K · m)	0,039	
Inside Layer		Antibacterial Antifungal Antistatic	Antibacterial Antifungal Antistatic
Internal Ripple		<50%	<50%
Weight	Gr/m	280	376

PRESSURE DROPS			
Characteristic	Unit	DN75	DN90
Crush resistance	N	>450	>450
Radius of curvature	mm	225	270
Air velocity 2 m/s Pressure drop 2 m/s	m ³ /h	22,44	32,66
Straight pipe (1m)		1,04	0,99
90° bend	Pa	0,79	0,87
180° elbow		1,30	1,32
Air velocity 2,5 m/s Pressure drop 2,5 m/s	m ³ /h	28,06	40,83
Straight pipe (1m)		1,62	1,54
90° bend	Pa	1,24	1,35
180° elbow		2,03	2,07
Air velocity 3 m/s Pressure drop 3 m/s	m ³ /h	33,67	48,99
Straight pipe (1m)		2,33	2,22
90° bend	Pa	1,79	1,95
180° elbow		2,93	2,98

This document may be subject to change. Through the QR-Code you can check the latest available update. Manual changes are prohibited.

