

HTPE ISOLPLUS

HTPE ISOLPLUS Antibacterial, antistatic and insulated HTPE ISOLPLUS corrugated pipe



Description

Double-walled, circular corrugated pipe in 100% food-grade HDPE with insulation in expanded PE material. Internal antibacterial, antistatic and antifungal treatment of the pipe. Tube with smooth internal surface.

Features

Internal ripple <5%.

Storage temperature -30°C + 60°C.

Installation temperature -5°C +60°C.

Use

Controlled mechanical ventilation. Connection from the distribution boxes to the plenums of the vents and grills.

Technical Specifications

		HTPE	HTPE
		ISOLPLUS 63	ISOLPLUS 76
External Diameter of the Non-Insulated Corrugated Duct	mm	75	90
Internal Diameter of the Non-Insulated Corrugated Duct	mm	63	76
External Diameter of the Insulated Corrugated Duct	mm	87	102
Weight	gr/m	320	420
Crush Resistance CEI EN 61386-24	N	>450	>450
Crush Resistance EN 17192	N	>250	>250
Ring Stiffness	SN	>8	>8
Bending Radius	mm	225	270
Internal Corrugation	-	<5%	<5%
Insulation Layer Density	kg/m ³	30	30
Thermal Conductivity of the Insulation Layer	W/mK	0,036 (10°C)	0,036 (10°C)

Pressure Drops

			HTPE	HTPE
			ISOLPLUS 63	ISOLPLUS 76
Airflow Rate at 2 m/s Velocity		m³/h	22,44	32,66
Pressure Drop at 2 m/s Velocity	Pressure Drop – Straight Duct (1 m)	Pa	1,04	0,99
	Pressure Drop – Bend 90°	Pa	0,79	0,87
	Pressure Drop – Bend 180°	Pa	1,30	1,32
Airflow Rate at 2,5 m/s Velocity		m³/h	28,06	40,83
Pressure Drop at 2,5 m/s Velocity	Pressure Drop – Straight Duct (1 m)	Pa	1,62	1,54
	Pressure Drop – Bend 90°	Pa	1,24	1,35
	Pressure Drop – Bend 180°	Pa	2,03	2,07
Airflow Rate at 3 m/s Velocity		m³/h	33,67	48,99
Pressure Drop at 3 m/s Velocity	Pressure Drop – Straight Duct (1 m)	Pa	2,33	2,22
	Pressure Drop – Bend 90°	Pa	1,79	1,95
	Pressure Drop – Bend 180°	Pa	2,93	2,98

Price List

Models	Roll (m)	Eur/Roll
HTPE ISOLPLUS 63	25	473,95
HTPE ISOLPLUS 76	25	592,44

Description	Euro
C90H – 90° PVC bend for HTPE PLUS corrugated duct Ø 63/75 mm.	16,87

Articolo normalmente disponibile a magazzino