

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.

Characteristics :

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	
		ISOLPLUS 63	ISOLPLUS 76
External diameter of corrugated pipe WITHOUT insulation	mm	75	90
Internal diameter of the corrugated pipe WITHOUT insulation	mm	63	76
External diameter of corrugated pipe WITH insulation	mm	87	102
Weight	gr/m	320	420
Crushing resistance CEI EN 61386-24	N	>450	>450
Crushing resistance EN 17192	N	>250	>250
Annular stiffness	SN	>8	>8
Radius of curvature	mm	225	270
Internal corrugation	-	<5%	<5%
Insulating layer density	kg/m ³	30	30
Thermal conductivity insulating layer	W/mK	0,036 (10°C)	0,036 (10°C)

Pressure drop

		HTPE		
		ISOLPLUS 63	ISOLPLUS 76	
Air flow rate with speed 2 m/s		m ³ /h	22,44	32,66
Pressure drop 2 m/s	Straight pipe pressure drop (1m)	Pa	1,04	0,99
	Pressure drop 90° curve	Pa	0,79	0,87
	Pressure drop curve 180°	Pa	1,30	1,32
Air flow rate with speed 2.5 m/s		m ³ /h	28,06	40,83
Pressure drop 2.5 m/s	Straight pipe pressure drop (1m)	Pa	1,62	1,54
	Pressure drop 90° curve	Pa	1,24	1,35
	Pressure drop 180° curve	Pa	2,03	2,07
Air flow rate with speed 3 m/s		m ³ /h	33,67	48,99
Pressure drop 3 m/s	Straight pipe pressure drop (1m)	Pa	2,33	2,22
	Pressure drop 90° curve	Pa	1,79	1,95
	Pressure drop curve 180°	Pa	2,93	2,98

Price list

Prices per roll.

Item normally available from stock		
model	roll mt	euro
HTPE ISOLPLUS 63	25	▼
HTPE ISOLPLUS 76	25	▼

Item normally available from stock	
Description	Euro
90° bend in PVC for corrugated pipe HTPE PLUS Ø63/75mm	▼