

HYPE PLUS Antibacterial and antistatic corrugated duct in HDPE



Description

Double-wall circular corrugated HDPE duct with antibacterial and antistatic treatment. White duct with smooth inner surface. Fire reaction classification (UNI EN 13501-1:2009): Euroclass E.

Features

Internal corrugation <5%.

Storage temperature: -30°C to +60°C.

Installation temperature: -5°C to +60°C.

Use

Controlled mechanical ventilation. Connection from distribution boxes to diffuser and grille plenums.

Accessories

- C90H - 90° bend for Ø 63/75 corrugated duct.
- C90HM - 90° bend for Ø 76/90 corrugated duct.
- EACH - Fixing clips for HYPE-PLUS corrugated duct.
- EAMF - Female coupling for HYPE-PLUS corrugated duct.

Technical Specifications

			HTPE	HTPE	HTPE	HTPE	HTPE	HTPE
			PLUS 52	PLUS 63	PLUS 76	PLUS 93	PLUS 108	PLUS 138
External Ø		mm	63	75	90	110	125	160
Internal Ø		mm	52	63	76	93	108	138
Weight		gr/m	220	250	340	470	470	470
Roll Dimensions	External Ø	cm	96	113	122	143	530	600
	Internal Ø	cm	41	52	54	56	162	196
	Height	cm	36	43	48	52	67	72
Crush Resistance		N	>450	>450	>450	>450	>450	>450
Bending Radius		mm	189	225	270	330	375	480
Airflow Rate at 2 m/s Velocity		m³/h	15,29	22,44	32,66	48,91	65,96	107,69
Pressure Drop at 2 m/s Velocity	Pressure Drop – Straight Duct (1 m)	Pa	1,28	1,04	0,99	1,01	1,04	1,08
	Pressure Drop – Bend 90°	Pa	1,11	0,79	0,87	1,13	1,25	1,44
	Pressure Drop – Bend 180°	Pa	1,78	1,30	1,32	1,69	1,76	1,81
Airflow Rate at 2,5 m/s Velocity		m³/h	19,11	28,06	40,83	61,14	82,45	134,61
Pressure Drop at 2,5 m/s Velocity	Pressure Drop – Straight Duct (1 m)	Pa	1,99	1,62	1,54	1,58	1,62	1,69
	Pressure Drop – Bend 90°	Pa	1,73	1,24	1,35	1,77	1,96	2,26
	Pressure Drop – Bend 180°	Pa	2,78	2,03	2,07	2,63	2,75	2,82
Airflow Rate at 3 m/s Velocity		m³/h	22,94	33,67	48,99	73,36	98,94	161,54

Pressure Drop at 3 m/s Velocity	Pressure Drop – Straight Duct (1 m)	Pa	2,87	2,33	2,22	2,28	1,62	1,69
	Pressure Drop – Bend 90°	Pa	2,49	1,79	1,95	2,55	1,96	2,26
	Pressure Drop – Bend 180°	Pa	4,01	2,93	2,98	3,79	2,75	2,82

Price List

Models	Roll (m)	Eur/Roll
HTPE PLUS 52	50	272,51
HTPE PLUS 63	50	268,94
HTPE PLUS 76	50	395,81
HTPE PLUS 93	50	555,94
HTPE PLUS 108	50	622,29
HTPE PLUS 138	50	1.141,87

Description	Eur
C90H – 90° PVC bend for HTPE PLUS corrugated duct Ø 63/75 mm.	16,87
C90HM – 90° PVC bend for HTPE PLUS corrugated duct Ø 76/90 mm.	40,88