



Flexible duct FLEXO DUCT STANDARD

Description

Flexible ducts are designed for air distribution in ventilation and air conditioning systems. Small size, proper design and high mechanical resistance make the ducts extremely resistant to crushing and make it possible to lay them in the ceiling or floor. The interior of the wires is covered with an antibacterial and antifungal coating, thanks to which the system is resistant to the formation of fungi, mold or other adverse factors. Thanks to its antistatic properties, the interior is resistant to dirt and dust.

FLEXO DUCT STANDARD. Basic parameters.

Air flow volume (m³/h) for DN 75 mm

Air speed (m/s)	0,5	1,0	1,5	2,0	3,0	4,0	5,0
Air flow rate (m ³ /h)	5,3	10,5	15,8	21,0	31,6	42,1	52,6

Air flow volume (m³/h) for DN 90 mm

Air speed (m/s)	0,5	1,0	1,5	2,0	3,0	4,0	5,0
Air flow rate (m ³ /h)	7,8	15,7	23,5	31,4	47,1	62,8	78,5

Properties

Fire reaction class	D-s2, d2 (PN-EN 13501-1)
Compression resistance	500 N (PN-EN 61386-24)
Material	Modified polyethylene (HDPE-mod)
Inner layer	Antibacterial layer Antifungal Antistatic

Available duct diameters

Nominal size DN (mm)	
75	90
Inner diameter (mm)	
61	75
Outer diameter (mm)	
76,2	90,6
Minimum bending radius* (mm)	
0,17	0,25
Length of roll (m)	
50	50

* Temperature above 10 °C

FLEXO DUCT SPECTRA 1000 vs. FLEXO DUCT STANDARD. See comparison.

	Flexo Duct Spectra 1000	Flexo Duct Standard
Antistaticity	●●●●●●	●●●●●●
Antibacterial properties	●●●●●●	●●●●○
Antifungal properties	●●●●●●	●●●●○
Fluorescent inner layer	●●●●●●	●●●●○
Reaction to fire	●●●●○	●●●●○
Marketing support	●●●●●●	●●●●○
Research, certifications, declarations, attestations	●●●●●●	●●●●○
Warranty	30 years*	30 years*

*Warranty period for flexible duct in places not exposed to UV radiation.

Characteristics

