



Flexible duct FLEXTON SPECTRA 1000

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.

FLEXTON SPECTRA 1000. 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 (m³/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 (m³/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 (ISO 22196:2011), Antifungal (PN EN 846:2019), Antistatic

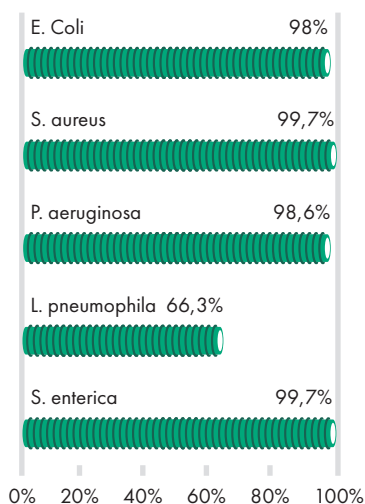
Available duct diameters

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

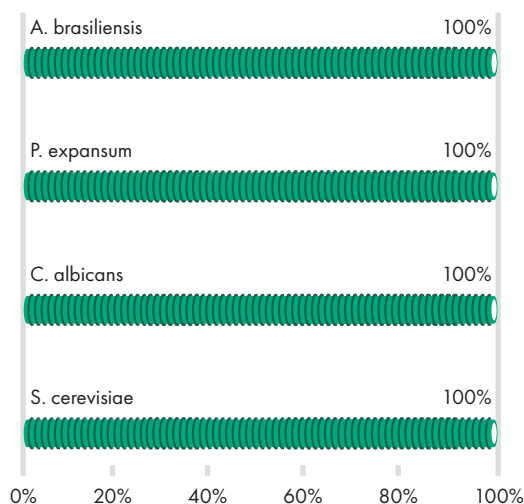
* Temperature above 10°C

Ventilation ducts FLEXTON SPECTRA 1000. Antibacterial properties confirmed by research.

Reduction of bacteria in FLEXTON SPECTRA 1000 ducts.



Effectiveness of limiting fungal growth in FLEXTON SPECTRA 1000 ducts.



*Based on tests conducted by the manufacturer.

Characteristics

