

VULCANO PU HDS 15

Ester-based Polyurethane Ducting , high abrasion resistant, 1.5 mm wall thickness - HEAVY DUTY

Applications

Ideal for delivery of highly abrasive media as powders, granules of different nature, industrial processing waste, especially if humid. On small and middle-sized plants with high speed pneumatic transport.

Technical Features

Ester based Polyurethane duct reinforced with a PU coated coppered steel spiral. Smooth inside to ensure optimization of flow properties. Constant Wall thickness of 1.5mm through all the diameter range.

Properties

The PU-coated spiral allows a better adhesion and more bending sessions. Strong but very flexible even at low temperatures, is suitable for heavy duty applications where a very good abrasion resistance is required. Resistant to abrasion and most chemicals. Halogens free conform to RoHS and phthalates free.

Standards

It can be made electrically bonded by earthing the steel spiral in accordance to TRB S 2153. The electrical resistance $R \leq 10^2 \text{ Ohm/m}$ is according to ISO 8031 - ATEX Directive 94/4/EC and 99/92/EC). RoHS 2011/65/EU Directive, REACH Regulation (1907/2006).

Temperature range

-40°C +90°C peaks +125°C / -40°F +194°F (252°F short time)

Accessories

Single bridge clamps and Double bridge clamps

Technical data							
Part number	Inside ø (mm)	Min. wall thickness (mm)	Weight (g/m)	Vacuum (mH2O)	Bending radius (mm)	Coil length (m)	Volume (m³)
VC 01 038.0 000.0	38	1,5	505	9,5	40	10/20	0,074
VC 01 040.0 000.0	40	1,5	530	9,5	50	10/20	0,077
VC 01 045.0 000.0	45	1,5	590	9,0	50	10/20	0,090
VC 01 050.0 000.0	50	1,5	650	9,0	60	10/20	0,099
VC 01 051.0 000.0	51	1,5	660	9,0	60	10/20	0,106
VC 01 060.0 000.0	60	1,5	770	8,5	70	10/20	0,122
VC 01 063.0 000.0	63	1,5	805	8,0	70	10/20	0,148
VC 01 070.0 000.0	70	1,5	1000	7,5	80	10/20	0,165
VC 01 076.0 000.0	76	1,5	1080	7,0	90	10/20	0,232
VC 01 080.0 000.0	80	1,5	1135	6,0	90	10/20	0,254
VC 01 090.0 000.0	90	1,5	1270	5,0	100	10/20	0,294
VC 01 100.0 000.0	100	1,5	1405	4,0	120	10/15	0,281
VC 01 102.0 000.0	102	1,5	1430	3,5	120	10/15	0,286
VC 01 110.0 000.0	110	1,5	1540	3,2	130	10/15	0,307
VC 01 120.0 000.0	120	1,5	1675	3,0	140	10/15	0,356
VC 01 127.0 000.0	127	1,5	2070	2,9	150	10/15	0,405
VC 01 130.0 000.0	130	1,5	2120	2,6	150	10/15	0,414
VC 01 140.0 000.0	140	1,5	2275	2,4	160	10/15	0,504
VC 01 150.0 000.0	150	1,5	2435	2,0	170	10/15	0,537
VC 01 152.0 000.0	152	1,5	2465	2,0	170	10/15	0,544
VC 01 160.0 000.0	160	1,5	2590	1,8	180	10/15	0,662
VC 01 180.0 000.0	180	1,5	2770	1,5	210	10/15	0,855
VC 01 200.0 000.0	200	1,5	3070	1,2	230	10/15	1,130
VC 01 203.0 000.0	203	1,5	3115	1,2	230	10/15	1,146
VC 01 250.0 000.0	250	1,5	3815	0,8	290	10	1,170
VC 01 254.0 000.0	254	1,5	3875	0,8	290	10	1,188
VC 01 305.0 000.0	305	1,5	5570	0,7	350	MAX 10 m*	

*straight piece

