

VULCANO PU HDS 15 ET

Ducting in ether-based Polyurethane reinforced with steel wire, resistant to microbes, abrasion and hydrolysis

Applications

Thick wall hose. 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

Ether based polyurethane ducting reinforced with a high adhesion zinc steel spiral. Constant Wall thickness of 1.2mm for the whole diameter range. Smooth bore to ensure optimum flow characteristics.

Properties

Excellent resistance to microbes, hydrolysis, most chemicals, ozone, UV rays, weather conditions. The hose is odourless and doesn't change the organoleptic properties of the transferred materials, very good bending radius even at low temperatures. Halogens free according to RoHS Regulation and free from phthalates.

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).

Standards

Suitable to use for food applications in accordance to the EU Regulation 10/2011 and FDA, title 21 CFR 177.2600. 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)

We do not recommend the use of SIP cleaning, which can severely impair the hose life.

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)
VI 01 020.0 000.0	20	1,5	250	9,5	25	10/20	0,037
VI 01 038.0 000.0	38	1,5	460	9,5	40	10/20	0,080
VI 01 050.0 000.0	50	1,5	590	9,0	60	10/20	0,105
VI 01 051.0 000.0	51	1,5	605	9,0	60	10/20	0,112
VI 01 060.0 000.0	60	1,5	700	8,5	70	10/20	0,129
VI 01 063.0 000.0	63	1,5	735	8,0	70	10/20	0,156
VI 01 070.0 000.0	70	1,5	920	7,5	80	10/20	0,174
VI 01 076.0 000.0	76	1,5	995	7,0	90	10/20	0,243
VI 01 080.0 000.0	80	1,5	1045	6,0	90	10/20	0,265
VI 01 090.0 000.0	90	1,5	1165	5,0	100	10/20	0,306
VI 01 100.0 000.0	100	1,5	1290	4,0	120	10/15	0,291
VI 01 102.0 000.0	102	1,5	1315	3,5	120	10/15	0,296
VI 01 110.0 000.0	110	1,5	1410	3,2	130	10/15	0,317
VI 01 120.0 000.0	120	1,5	1535	3,0	140	10/15	0,343
VI 01 127.0 000.0	127	1,5	1935	2,9	150	10/15	0,420
VI 01 130.0 000.0	130	1,5	1975	2,6	150	10/15	0,429
VI 01 140.0 000.0	140	1,5	2120	2,4	160	10/15	0,521
VI 01 150.0 000.0	150	1,5	2265	2,0	170	10/15	0,554
VI 01 152.0 000.0	152	1,5	2295	2,0	170	10/15	0,561
VI 01 160.0 000.0	160	1,5	2410	1,8	180	10/15	0,682
VI 01 180.0 000.0	180	1,5	2565	1,5	210	10/15	0,879
VI 01 200.0 000.0	200	1,5	2840	1,2	230	10/15	1,159
VI 01 203.0 000.0	203	1,5	2880	1,2	230	10/15	1,175
VI 01 250.0 000.0	250	1,5	3525	0,8	290	10	1,194
VI 01 254.0 000.0	254	1,5	3580	0,8	290	10	1,212
VI 01 305.0 000.0	305	1,5	5145	0,5	350	MAX 10 m*	

* straight piece

