

VULCANO PU H 09 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 like powders, granules of different kind, industrial waste, especially if humid. On small and middle-sized plants with high speed pneumatic transport. On small and middle-sized sweeping and grass cutting machines. Ideal for delivery of food grade granules and powders and to transport plastic granules for food grade packagings.

Technical Features

Ether based polyurethane ducting reinforced with a high adhesion steel spiral. Constant Wall thickness of 0.9mm for the whole diameter range. Smooth inside 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 $R \leq 10^2$ 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 / -40°F +194°F

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)
VK 01 038,0 000,0	38	0,90	270	5,0	40	10/20	0,072
VK 01 040,0 000,0	40	0,90	280	5,0	50	10/20	0,076
VK 01 050,0 000,0	50	0,90	390	4,0	60	10/20	0,099
VK 01 051,0 000,0	51	0,90	400	4,0	60	10/20	0,106
VK 01 060,0 000,0	60	0,90	465	3,0	70	10/20	0,135
VK 01 063,0 000,0	63	0,90	485	3,0	70	10/20	0,148
VK 01 065,0 000,0	65	0,90	500	3,0	70	10/20	0,160
VK 01 070,0 000,0	70	0,90	620	3,0	80	10/20	0,184
VK 01 075,0 000,0	75	0,90	670	3,0	90	10/20	0,195
VK 01 076,0 000,0	76	0,90	675	3,0	90	10/20	0,235
VK 01 080,0 000,0	80	0,90	710	3,0	90	10/20	0,256
VK 01 090,0 000,0	90	0,90	795	2,5	100	10/20	0,297
VK 01 100,0 000,0	100	0,90	875	2,0	120	10/15	0,327
VK 01 102,0 000,0	102	0,90	895	2,0	120	10/15	0,289
VK 01 110,0 000,0	110	0,90	960	2,0	130	10/15	0,320
VK 01 120,0 000,0	120	0,90	1045	1,5	140	10/15	0,372
VK 01 127,0 000,0	127	0,90	1275	1,5	150	10/15	0,405
VK 01 150,0 000,0	150	0,90	1495	1,0	170	10/15	0,537
VK 01 152,0 000,0	152	0,90	1515	1,0	170	10/15	0,544
VK 01 160,0 000,0	160	0,90	1595	1,0	180	10/15	0,662
VK 01 180,0 000,0	180	0,90	1595	0,5	210	10/15	0,855
VK 01 200,0 000,0	200	0,90	1765	0,5	230	10/15	0,945
VK 01 203,0 000,0	203	0,90	1790	0,5	230	10/15	1,146
VK 01 250,0 000,0	250	0,90	2195	0,3	290	10	1,170
VK 01 254,0 000,0	254	0,90	2225	0,3	290	10	1,188
VK 01 305,0 000,0	305	0,90	3060	0,2	350	10	1,613

