

VULCANO PU M FR

Ester-based Polyurethane ducting, light and flexible, resistant to abrasion - Collapsible length - MEDIUM DUTY

Applications

Suction of pellets, granulates, abrasive powder, dust. In woodworking and dust extraction industries and everywhere very high flexibility is required.

Technical Features

Ester based Polyurethane duct reinforced with a PU coated coppered steel spiral. Wall thickness from 0,4 to 0,75mm.

Properties

Very light and flexible, axially compressible (about 5:1) for easy handling and costs saving in stocking and transporting. The PU-coated spiral allows a better adhesion and more bending sessions, thus the duct has good mechanical properties and it is especially suitable for dynamic applications. Resistant to abrasion, microbes, ozone and weather conditions*. Halogen 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 $R \leq 10^2$ 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).

Microbes resistant version is available on request

Temperature range

-40°C +90°C / -40°F +194°F

Accessories

Single bridge clamps

Technical data							
Part number	Inside ø (mm)	Min. wall thickness (mm)	Weight (g/m)	Vacuum (mH2O)	Bending radius (mm)	Length* (m)	Volume (m³)
VM FR 038.0 000.0	38	0,40	175	2,0	30	10	0,005
VM FR 040.0 000.0	40	0,40	185	2,0	32	10	0,005
VM FR 045.0 000.0	45	0,40	205	2,0	36	10	0,006
VM FR 051.0 000.0	51	0,40	230	2,0	40	10	0,007
VM FR 060.0 000.0	60	0,40	265	1,7	50	10	0,010
VM FR 063.0 000.0	63	0,40	275	1,7	55	10	0,011
VM FR 065.0 000.0	65	0,40	285	1,7	56	10	0,011
VM FR 070.0 000.0	70	0,43	375	1,7	60	10	0,013
VM FR 076.0 000.0	76	0,43	405	1,7	65	10	0,015
VM FR 080.0 000.0	80	0,43	420	1,6	65	10	0,016
VM FR 090.0 000.0	90	0,43	470	1,6	75	10	0,022
VM FR 102.0 000.0	102	0,53	530	1,3	85	10	0,028
VM FR 110.0 000.0	110	0,53	570	1,2	90	10	0,032
VM FR 120.0 000.0	120	0,53	620	1,0	100	10	0,037
VM FR 127.0 000.0	127	0,63	755	1,0	105	10	0,045
VM FR 130.0 000.0	130	0,63	770	0,8	105	10	0,047
VM FR 140.0 000.0	140	0,63	830	0,8	115	10	0,054
VM FR 152.0 000.0	152	0,63	890	0,8	125	10	0,063
VM FR 160.0 000.0	160	0,63	935	0,7	130	10	0,069
VM FR 180.0 000.0	180	0,63	1210	0,5	150	10	0,087
VM FR 200.0 000.0	200	0,63	1345	0,4	165	10	0,106
VM FR 203.0 000.0	203	0,63	1360	0,4	165	10	0,109
VM FR 228.0 000.0	228	0,63	1525	0,4	185	10	0,142
VM FR 254.0 000.0	254	0,65	1845	0,4	210	10	0,174
VM FR 305.0 000.0	305	0,65	2205	0,3	250	10	0,248
VM FR 356.0 000.0	356	0,65	2570	0,3	300	10	0,335
VM FR 406.0 000.0	406	0,75	3150	0,3	350	10	0,433

*compressed lengths

