

VULCANO PU R FR

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

Applications

Suction of granules, abrasive powders, pellets in woodworking, dust extraction. It is also suitable in food industry for suction of dry food only.

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, easy to handle. The PU-coated spiral allows more bending sessions, thus the duct has good mechanical performance and it is especially suitable for dynamic applications. 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). For dry food only according to EU Regulation 10/2011, RoHS 2011/65/EU Directive, REACH Regulation (1907/2006).

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)	Coil length (m)	Volume (m³)
VR FR 025.0 000.0	25	0,40	140	2,0	30	10/20	0,054
VR FR 038.0 000.0	38	0,40	170	2,0	30	10/20	0,076
VR FR 040.0 000.0	40	0,40	180	2,0	32	10/20	0,079
VR FR 045.0 000.0	45	0,40	200	2,0	36	10/20	0,092
VR FR 051.0 000.0	51	0,40	220	2,0	40	10/20	0,108
VR FR 060.0 000.0	60	0,40	255	1,7	50	10/20	0,137
VR FR 063.0 000.0	63	0,40	270	1,7	55	10/20	0,143
VR FR 065.0 000.0	65	0,40	275	1,7	56	10/20	0,155
VR FR 070.0 000.0	70	0,43	370	1,7	60	10/20	0,175
VR FR 076.0 000.0	76	0,43	400	1,7	65	10/20	0,245
VR FR 080.0 000.0	80	0,43	420	1,6	65	10/20	0,256
VR FR 090.0 000.0	90	0,43	470	1,6	75	10/20	0,303
VR FR 102.0 000.0	102	0,53	530	1,3	85	10/15	0,289
VR FR 110.0 000.0	110	0,53	570	1,2	90	10/15	0,320
VR FR 120.0 000.0	120	0,53	615	1,0	100	10/15	0,372
VR FR 127.0 000.0	127	0,63	750	1,0	105	10/15	0,405
VR FR 130.0 000.0	130	0,63	770	0,8	105	10/15	0,414
VR FR 140.0 000.0	140	0,63	840	0,8	115	10/15	0,504
VR FR 152.0 000.0	152	0,63	890	0,8	125	10/15	0,544
VR FR 160.0 000.0	160	0,63	935	0,7	130	10/15	0,662
VR FR 180.0 000.0	180	0,63	1250	0,5	150	10/15	0,855
VR FR 203.0 000.0	203	0,63	1405	0,4	165	10/15	1,130
VR FR 228.0 000.0	228	0,63	1570	0,4	185	10	0,933
VR FR 254.0 000.0	254	0,65	1900	0,4	210	10	1,711
VR FR 279.0 000.0	279	0,65	2085	0,4	230	10	1,480
VR FR 305.0 000.0	305	0,65	2275	0,3	250	10	1,613
VR FR 315.0 000.0	315	0,65	2350	0,3	275	10	1,664
VR FR 356.0 000.0	356	0,65	2650	0,3	300	10	-
VR FR 406.0 000.0	406	0,75	3150	0,3	350	10	-

