

VULCANO PU BLUE

Ester-based Polyurethane ducting, very flexible and good abrasion resistance - BLUE SPIRAL - MEDIUM DUTY

Applications

Specifically manufactured for dynamic applications in woodworking industry: suction of pellets, saw dust, abrasive powders. Also suitable in food industry for dry food only.

Technical Features

Ester based Polyurethane duct reinforced with a steel wire coated with blue Pu Coated spiral. Wall thickness from 0,4 to 0,65mm.

Properties

Very light and flexible, easy to handle. The wire is embedded between two PU plies for ensuring a better adhesion and really good performance in bending. 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, RoHS 2011/65/EU Directive, REACH Regulation (1907/2006).

Temperature range

-40°C +90°C (+125°C short time) / -40°F +194°F (+257°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)
RY 01 038.0 000.0	38	0,40	215	2,0	30	10/20	0,076
RY 01 051.0 000.0	51	0,40	275	2,0	40	10/20	0,108
RY 01 063.0 000.0	63	0,40	335	1,7	55	10/20	0,143
RY 01 076.0 000.0	76	0,43	400	1,7	65	10/20	0,245
RY 01 080.0 000.0	80	0,43	420	1,6	65	10/20	0,256
RY 01 090.0 000.0	90	0,43	470	1,6	75	10/20	0,303
RY 01 102.0 000.0	102	0,53	530	1,3	85	10/20	0,310
RY 01 110.0 000.0	110	0,53	570	1,2	90	10/20	0,320
RY 01 120.0 000.0	120	0,53	615	1,0	100	10/20	0,372
RY 01 127.0 000.0	127	0,53	615	1,0	105	10	0,405
RY 01 140.0 000.0	140	0,63	840	0,8	115	10	0,504
RY 01 152.0 000.0	152	0,63	890	0,8	125	10	0,544
RY 01 160.0 000.0	160	0,63	935	0,7	130	10	0,662
RY 01 180.0 000.0	180	0,63	1380	0,5	150	10	0,855
RY 01 203.0 000.0	203	0,63	1550	0,4	165	10	1,146
RY 01 228.0 000.0	228	0,63	1740	0,4	185	10	1,170
RY 01 254.0 000.0	254	0,65	1900	0,4	210	10	1,188
RY 01 305.0 000.0	305	0,65	2275	0,3	250	10	1,613
RY 01 315.0 000.0	315	0,65	2350	0,3	275	10	1,664

