

VULCANO PU STONE

**Ester-based Polyurethane Ducting , high abrasion resistant,
2 mm wall thickness - EXTRA HEAVY DUTY**

Applications

Especially conceived to grant the maximum flexibility, even in severe application conditions. Its extra-flexibility allows an easy handling and extreme bending sessions. Indicated for highly abrasive substances, in plastic machines. Ideal as hose on vacuum cleaner trucks; to convey cement, in silos, docks, quarries, steelworks. Particularly suitable for civil shipyard, roof rocking and industrial and street cleaning.

Technical Features

Ester-based Polyurethane duct reinforced with a PU coated coppered steel spiral. Smooth inside to ensure optimization of flow properties. Constant Wall thickness of 2.0mm through all the diameter range.

Properties

The PU-coated spiral allows a better adhesion and more bending sessions. Suitable for heavy duty applications where a very good abrasion resistance is required. The duct is produced adding a microbe resistant additive. Resistant to abrasion and most chemicals, microbes, ageing, UV Rays, hydrolysis, ozone and atmospherical agents. 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 $R \leq 10^2$ 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).

Temperature range

-40°C +90°C peaks +125°C /-40°F +194°F (252°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)
TH 01 038.0 000.0	38	2,00	715	9,7	150	15	0,075
TH 01 045.0 000.0	45	2,00	835	9,7	180	15	0,087
TH 01 051.0 000.0	51	2,00	1030	9,7	204	15	0,102
TH 01 060.0 000.0	60	2,00	1210	9,7	240	15	0,119
TH 01 063.0 000.0	63	2,00	1265	9,7	250	15	0,144
TH 01 076.0 000.0	76	2,00	1545	9,5	305	15	0,229
TH 01 080.0 000.0	80	2,00	1625	9,5	320	15	0,251
TH 01 090.0 000.0	90	2,00	1820	9,5	360	15	0,291
TH 01 102.0 000.0	102	2,00	2195	9,5	410	10	0,283
TH 01 127.0 000.0	127	2,00	2910	9,0	510	10	0,399
TH 01 140.0 000.0	140	2,00	3205	8,7	560	10	0,497
TH 01 152.0 000.0	152	2,00	3470	8,2	610	10	0,537
TH 01 160.0 000.0	160	2,00	4055	8,0	640	10	0,655
TH 01 180.0 000.0	180	2,00	4570	7,0	810	10	0,846
TH 01 200.0 000.0	200	2,00	5070	6,0	1000	10	1,348
TH 01 250.0 000.0	250	2,00	6320	4,0		MAX 10 M*	

