

TPR (Thermoplastic Rubber) Vulcano

Colour: Black

Working Temperature: - 50 °C to + 90 °C

Features: Flexible duct made of extruded thermoplastic rubber, reinforced with a galvanised steel spiral. Resistant to high temperature, chemicals, abrasion and good UV resistance.

Applications: Suction and discharge of air and air-carried solids in medium-duty industrial applications.



INSIDE DIA		BENDING RADIUS	VACUUM (m/H2O)	ROLL LENGTH
mm	Inch			
		(mm)		(mtrs)
51	2"	40	2	10
63	2½"	55	1,7	10
76	3"	65	1,7	10
90	3½"	75	1,6	10
102	4"	85	1,3	10
110		90	1,2	10
127	5"	105	1	10
152	6"	125	0,8	10
160		130	0,7	10
180		150	0,5	10
203	8"	165	0,4	10
228	9"	185	0,4	10
254	10"	210	0,4	10
305	12"	250	0,3	10
356	14"	300	0,3	10
406	16"	350	0,3	10

We cut to length

PUR (Polyurethane) Vulcano

Colour: Very clear with coppered steel spiral.

Working Temperature: - 40 °C to + 90 °C

Features: Clear with a copper coated steel wire. This ducting has a high resistance to abrasion, 5 times superior to that of PVC. Lightweight and extremely flexible.

Applications: Suction and discharge of abrasive powders, fumes, shavings, vapours in heavy-duty industrial applications.



SIDE DIA		WEIGHT	MIN WALL THICKNESS	BENDING RADIUS	VACUUM	ROLL LENGTH
mm	Inch					
		(g/m)	(mm)	(mm)	(m/H2O)	(mtrs)
51	2"	250	0,4	40	2	10
57		300	0,4	50	1,7	10
63		310	0,4	55	1,7	10
76	3"	510	0,45	65	1,7	10
90	3½"	610	0,45	75	1,6	10
102	4"	650	0,5	85	1,3	10
112		690	0,5	90	1,2	10
127	5"	850	0,5	105	1	10
152	6"	1040	0,55	125	0,8	10
180		1450	0,55	150	0,5	10
203	8"	1650	0,55	165	0,4	10
228	9"	1900	0,55	185	0,4	10
254	10"	2150	0,6	210	0,4	10
305	12"	2650	0,6	250	0,3	10
356	14"	3050	0,6	300	0,3	*
406	16"	3500	0,6	350	0,3	*

FRS (Fabric Reinforced Thermoplastic Rubber) Vulcano

Colour: Black

Working Temperature: - 40 °C to + 140 °C

Features: Flexible ducting PP/EPDM, fabric reinforced with a zinc plated steel spiral. Light and flexible, resistant to high temperatures and chemicals.

Applications: Suction and discharge of abrasive powders, fumes, shavings, vapours in high temperature industrial applications.



INSIDE DIA		WEIGHT	MIN WALL THICKNESS	BENDING RADIUS	VACUUM	ROLL LENGTH
mm	Inch					
		(g/m)	(mm)	(mm)	(m/H2O)	(mtrs)
51	2"	210	0,4	40	2	10
63	2½"	260	0,4	55	1,7	10
76	3"	390	0,4	65	1,7	10
90	3½"	450	0,4	75	1,6	10
102	4"	495	0,4	85	1,3	10
110		610	0,4	90	1,2	10
127	5"	690	0,4	105	1	10
152	6"	910	0,4	125	0,8	10
160		950	0,4	130	0,7	10
180		1210	0,4	150	0,5	10
203	8"	1320	0,4	165	0,4	10
228	9"	1490	0,4	185	0,4	10
254	10"	1800	0,4	210	0,4	10
305	12"	2100	0,4	250	0,3	10
356	14"	2450	0,4	300	0,3	10
406	16"	2800	0,4	350	0,3	10

We cut to length

Silicone

Silicone ducting is recommended for air handling applications in low pressure and high vacuum scenarios

Temperature Range: -54°C to 290°C



Product Code	Inside Diameter (mm & in)		Compression Ratio (mm & in)	Bend Radius	Max Neg. Pressure (kPa)	Max Pos. Pressure (kPa)	Roll Length (mtrs)
164-025	25	1	3:1	30	-98	207	3.6
164-038	38	1-1/2	3.7:1	46	-98	207	3.6
164-050	51	2	3.7:1	51	-98	207	3.6
164-063	63	2-1/2	3.7:1	58	-98	207	3.6
164-075	76	3	3.7:1	63	-98	207	3.6
164-090	89	3-1/2	3.7:1	63	-98	207	3.6
164-100	102	4	4.8:1	76	-91	207	3.6

We cut to length