



### Applications

Heavy duty smooth bore ducting ideal for air handling and for the conveyance of fumes, dust, and moderately abrasive materials such as sawdust.

The flexibility and durability of this product makes it an excellent and economical answer for all kinds of end-users.

### Advantages

- Light weight and easy to handle.
- Double walled construction providing excellent durability.
- Optimization of PVC-coated wire helix thickness and pitch gives high flexibility and flex life.
- Smooth inner tube for optimum flow.

### Technical description

PVC wall, blue, smooth inside.

**Reinforcement:** white PVC-coated embedded steel helix.

**Temperature range:** - 10 °C to + 80 °C.

**Electrical properties:** non conductive. Both ends of the helix can be exposed and connected to the couplings/fittings, if conductivity is required.

### Couplings/Fittings

Standard: connexion by clamp.

### Complementary information

Technical data for working conditions at 20 °C temperature.

ID mm	Wall thickness mm		Working pressure bar	Max. vacuum bar	Bending radius mm	Weight kg/m	Length m	Notes
20	0.50	± 0.03	1.90	0.55	10	0.11	10	
25	0.50	± 0.03	1.70	0.48	13	0.17	10	
30	0.50	± 0.03	1.60	0.40	15	0.21	10	
32	0.50	± 0.03	1.50	0.35	16	0.21	10	
35	0.50	± 0.03	1.40	0.30	17	0.22	10	
40	0.50	± 0.03	1.40	0.30	20	0.24	10	
45	0.50	± 0.03	1.30	0.30	22	0.26	10	
50	0.50	± 0.03	1.30	0.28	25	0.29	10	
51	0.50	± 0.03	1.30	0.28	25	0.30	10	
60	0.50	± 0.03	1.10	0.25	30	0.50	10	
63	0.50	± 0.03	1.00	0.23	31	0.54	10	
65	0.50	± 0.03	1.00	0.22	32	0.56	10	
70	0.50	± 0.03	1.00	0.22	35	0.56	10	
75	0.50	± 0.03	0.80	0.20	37	0.63	10	
76	0.50	± 0.03	0.80	0.20	38	0.65	10	
80	0.50	± 0.03	0.80	0.18	40	0.70	10	
90	0.50	± 0.03	0.70	0.15	45	0.76	10	
100	0.60	± 0.03	0.60	0.15	50	0.79	10	
102	0.60	± 0.03	0.60	0.15	51	0.82	10	
110	0.60	± 0.03	0.50	0.14	55	0.84	10	
120	0.60	± 0.03	0.40	0.13	60	0.85	10	
125	0.60	± 0.03	0.40	0.12	64	0.98	10	
130	0.60	± 0.03	0.40	0.12	65	1.00	10	
140	0.60	± 0.03	0.30	0.12	70	1.05	10	
150	0.60	± 0.03	0.25	0.10	75	1.18	10	
160	0.75	± 0.03	0.25	0.10	80	1.35	10	
180	0.75	± 0.03	0.20	0.10	90	1.48	10	
200	0.75	± 0.03	0.20	0.09	100	1.69	10	
203	0.75	± 0.03	0.20	0.09	101	1.70	10	
250	0.80	± 0.03	0.12	0.08	125	2.10	10	
300	0.80	± 0.03	0.10	0.06	150	2.52	10	
350	0.80	± 0.03	0.10	0.03	175	2.93	10	
400	0.80	± 0.03	0.08	0.02	200	3.39	5	
500	0.80	± 0.03	0.06	0.02	250	4.10	5	

Length in blue = stock item. Length in black = non stock (consult us for minimum quantity of order).

No branding.