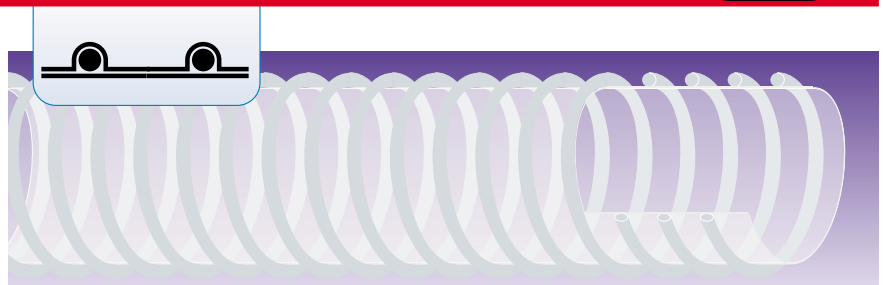


Applications

- Food grade ducting, very smooth.
- Ideal for suction and transport of abrasive materials, powders and granules in food industry, drugs in pharmaceutical laboratories.
- Industrial vacuum cleaners and floor care applications, lawn movers and rock wool projection.
- Wood working industries.
- Wire conduit for robotics, X-ray machine.

Avantages

- Good resistance to abrasion, piercing and impacts.
- Outstanding flex-resistance, thanks to the bonding of the PVC helix and polyurethane wall.
- Very resistant to hydrolyze and microbiological attacks, non corrosive helix.
- Food grade polyurethane.
- Light, flexible at low temperature. Smooth inner liner ensures optimum flow.
- Good resistance to ozone and U.V.
- Good resistance to many oils, solvents, industrial chemicals in the vapour phase at moderate concentration.



Technical description

Inner tube: ether-base polyurethane, transparent, smooth.

Helix: hard PVC impact resistant, embedded in the polyurethane wall.

Cover: ether-base polyurethane, transparent, corrugated.

Temperature range: - 30 °C to + 80 °C.

Electrical properties:

- Standard: non conductive.
- Option: copper string PVC-coated to obtain electric equipotentiality.

Special properties:

- Food grade quality.
- Abrasion DIN53516: 40 mm³.

Branding: unbranded.

Coupling: connexion by clamp.

Standard / Approval: food grade approval from the french Institute of Poitiers (IANESCO).

ID mm	Wall thickness mm	OD mm	Working pressure bar	Max. vacuum bar	Bending radius mm	Weight kg/m	Length m	Article No.	Stock item	
20	± 0.5	0.5 +0.2 / -0.1	NS	1.50	0.60	14	0.15	20	5009201	1
25	± 0.5	0.5 +0.2 / -0.1	NS	1.50	0.60	17	0.18	20	5009202	1
30	± 0.5	0.5 +0.2 / -0.1	NS	1.50	0.60	21	0.20	20	5009203	1
32	± 0.5	0.5 +0.2 / -0.1	NS	1.50	0.60	22	0.21	20	5009204	1
35	± 1.0	0.5 +0.2 / -0.1	NS	1.20	0.60	24	0.23	20	5009205	1
38	± 1.0	0.5 +0.2 / -0.1	NS	1.20	0.60	27	0.24	20	5009206	1
40	± 1.0	0.5 +0.2 / -0.1	NS	1.15	0.50	28	0.25	20	5009207	1
45	± 1.0	0.5 +0.2 / -0.1	NS	1.15	0.50	31	0.28	20	5009208	1
51	± 1.0	0.5 +0.2 / -0.1	NS	1.15	0.48	35	0.32	20	5009209	1
60	± 1.0	0.5 +0.2 / -0.1	NS	1.00	0.30	42	0.39	20	5009210	1
63	± 1.0	0.5 +0.2 / -0.1	NS	1.00	0.30	44	0.39	20	5009211	1
70	± 1.5	0.5 +0.2 / -0.1	NS	1.00	0.26	49	0.50	20	5009212	1
76	± 1.5	0.6 +0.2 / -0.1	NS	1.00	0.16	52	0.55	20	5009213	1
80	± 1.5	0.6 +0.2 / -0.1	NS	1.00	0.16	56	0.60	20	5009214	1
90	± 1.5	0.6 +0.2 / -0.1	NS	1.00	0.16	63	0.70	20	5009215	1
100	± 1.5	0.6 +0.2 / -0.1	NS	1.00	0.16	70	0.81	20	5009216	1
102	± 1.5	0.6 +0.2 / -0.1	NS	1.00	0.16	70	0.81	20	5009217	1
120	± 1.5	0.6 +0.2 / -0.1	NS	0.80	0.16	84	0.95	20	5009218	1
125	± 1.5	0.6 +0.2 / -0.1	NS	0.80	0.16	87	1.15	20	5009219	1
140	± 1.5	0.6 +0.2 / -0.1	NS	0.60	0.16	98	1.28	20	5009220	1
152	± 2.0	0.7 +0.2 / -0.1	NS	0.60	0.16	105	1.40	20	5009221	1
160	± 2.0	0.7 +0.2 / -0.1	NS	0.50	0.16	112	1.60	20	5009222	1
180	± 2.0	0.7 +0.2 / -0.1	NS	0.50	0.16	126	1.85	10	5009223	2
200	± 2.0	0.7 +0.2 / -0.1	NS	0.40	0.16	140	2.00	10	5009224	2
250	± 2.0	0.7 +0.2 / -0.1	NS	0.30	0.15	175	2.50	10	5009225	2

Technical data for working conditions at + 20 °C temperature.

● = Stock item.
1 = Non stock, min. quantity = 40 m.
2 = Non stock, min. quantity = 10 m.
NS = No significant.

Option EC: Non stock, min. quantity: Ø ≤ 160 = 25 m ; Ø > 160 = 10 m.

H3 3 44 19 B / 25 05 2004