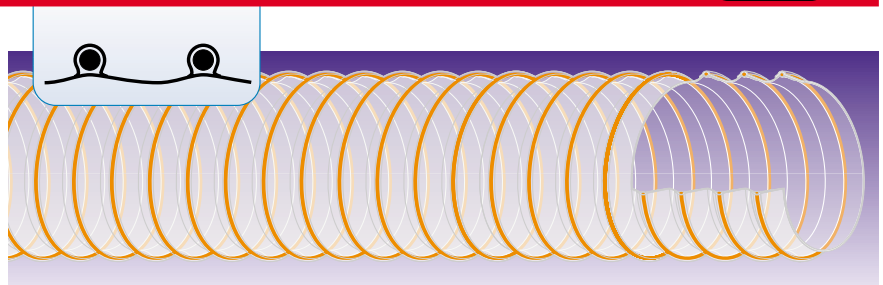


## Applications

- A highly flexible ducting.
- Ideal in the wood working industries, foundries and other general applications.
  - Ideal for the conveyance of powders, abrasives particles, dust, sawdust, clips, textile fibers, metal filings.
  - Industrial vacuum cleaners.
  - Suitable for fume extraction in chemical and oil industries.
  - Wire conduit in robots and machine tool.

## Advantages

- Light and very flexible, flexible at low temperature.
- Outstanding resistance to abrasion and piercing.
- Excellent flex properties and resistance when used in motion.
- Spring steel helix copper-coated, crush resistant.
- Very smooth inner tube ensures optimum flow.
- Good resistance to ozone and U.V.
- Good resistance to most of oils, solvents and industrial chemicals in the vapour phase at moderate concentration.



## Technical description

**Inner tube:** ester-base polyurethane, transparent, smooth.

**Helix:** copper-coated spring steel helix.

**Cover:** ester-base polyurethane, transparent, corrugated.

**Temperature range:** - 30 °C to + 100 °C.

**Electrical properties:** non conductive.

Both ends of the helix can be connected to the couplings/fittings, if conductivity is required.

**Special properties:**

- Halogen and plastiziser free.
- Abrasion DIN 53516: 30 mm<sup>3</sup>.

**Branding:** unbranded.

**Coupling:** connexion by clamp.

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
25	0.50 ± 0.05	NS	1.65	0.40	13	0.16	10	5009226	1
30	0.50 ± 0.05	NS	1.60	0.38	15	0.18	10	5009227	1
35	0.50 ± 0.05	NS	1.40	0.30	17	0.22	10	5009228	1
40	0.50 ± 0.05	NS	1.40	0.30	20	0.28	10	85531	1
45	0.50 ± 0.05	NS	1.40	0.30	22	0.28	10	85532	1
50	0.50 ± 0.05	NS	1.30	0.29	25	0.37	10	85533	1
51	0.50 ± 0.05	NS	1.30	0.29	25	0.38	10	5009229	1
60	0.50 ± 0.05	NS	1.10	0.26	30	0.48	10	85534	1
65	0.50 ± 0.05	NS	1.10	0.26	32	0.48	10	85535	1
70	0.50 ± 0.05	NS	0.90	0.26	35	0.48	10	85536	1
75	0.50 ± 0.05	NS	0.80	0.21	37	0.60	10	85537	1
76	0.50 ± 0.05	NS	0.80	0.21	38	0.60	10	5009230	1
80	0.50 ± 0.05	NS	0.70	0.18	40	0.62	10	85538	1
90	0.50 ± 0.05	NS	0.70	0.18	45	0.71	10	85539	1
100	0.55 ± 0.05	NS	0.60	0.16	50	0.79	10	85540	●
102	0.55 ± 0.05	NS	0.60	0.16	51	0.80	10	5009231	1
110	0.55 ± 0.05	NS	0.50	0.16	55	0.83	10	85541	1
120	0.55 ± 0.05	NS	0.45	0.12	60	0.90	10	85542	1
125	0.55 ± 0.05	NS	0.40	0.12	64	0.95	10	5009232	●
130	0.55 ± 0.05	NS	0.40	0.12	65	1.00	10	85543	1
140	0.55 ± 0.05	NS	0.30	0.10	70	1.10	10	85544	1
150	0.55 ± 0.05	NS	0.25	0.10	75	1.20	10	85545	●
160	0.55 ± 0.05	NS	0.25	0.10	80	1.35	10	85546	1
180	0.70 ± 0.05	NS	0.20	0.09	90	1.50	10	85547	1
200	0.70 ± 0.05	NS	0.18	0.09	100	1.65	10	85548	●
203	0.70 ± 0.05	NS	0.18	0.09	101	1.67	10	5009233	1
225	0.70 ± 0.05	NS	0.15	0.08	112	1.98	10	85549	2
250	0.70 ± 0.05	NS	0.15	0.08	125	2.20	10	85550	2
300	0.70 ± 0.05	NS	0.12	0.06	150	2.60	10	85551	2
350	0.75 ± 0.05	NS	0.10	0.04	175	2.90	10	85552	2
400	0.75 ± 0.05	NS	0.08	0.02	200	3.40	5	5009234	3
500	0.75 ± 0.05	NS	0.04	0.01	250	4.20	5	5009235	3

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

H3 3 44 05 B / 25 05 2004

● = Stock item.  
Non stock, min. quantity: 1 = 30 m ; 2 = 10 m ; 3 = 5 m.  
NS = No significant.