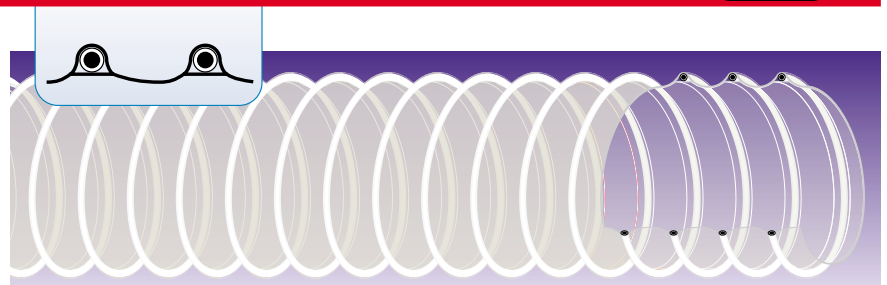


## Applications

- A highly flexible and robust ducting.
- For use in many industries such as metallurgy, wood working, food, pharmaceutical industries.
  - Ideal for the conveyance of grains, granules, sawdust and wood chips, metal filings in humid and/or warm conditions.
  - Specially suitable for street vacuum cleaners and lawn mowers.
  - Options: ideal for flame retardant standard (DIN 4102B1) or antistatic requirements.

## Advantages

- Light and easy to handle.
- Outstanding resistance to abrasion and piercing.
- Excellent mechanical flexibility due to perfect cohesion of components (PVC-coated spring steel helix welded to polyurethane wall).
- Smooth inner tube ensures optimum flow.
- Non toxic polyurethane resisting to hydrolysis and microbiological attack.
- Good resistance to ozone and ultraviolet light.
- Good resistance to most of oils, solvents, and industrial chemicals in the vapour phase at moderate concentration.



## Technical description

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

**Helix:** white PVC-coated spring steel helix.

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

**Temperature range:** - 30 °C to + 110 °C.

**Electrical properties:**

- Standard: non conductive.
- Option antistatic,  $R < 10^8 \Omega/m$ : consult us.

**Special properties:**

- Abrasion DIN 53516: 30 mm<sup>3</sup>.
  - Option flame retardant, DIN 4102B1: consult us.
- Halogen and plastiziser free (copper-coated spring steel helix).

**Branding:** unbranded.

**Coupling:** connexion by clamp.

**Standard / Approval:** option flame retardant: DIN 4102B1.

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	0.7 ± 0.05	NS	1.70	0.60	13	0.18	10	5009236	●
30	0.7 ± 0.05	NS	1.70	0.60	15	0.22	10	5009237	●
32	0.7 ± 0.05	NS	1.70	0.60	16	0.23	10	5009238	1
35	0.7 ± 0.05	NS	1.70	0.60	17	0.25	10	5009239	●
38	0.7 ± 0.05	NS	1.70	0.60	19	0.27	10	5009240	1
40	0.7 ± 0.05	NS	1.50	0.50	20	0.29	10	201380	●
45	0.7 ± 0.05	NS	1.50	0.50	22	0.32	10	201349	●
51	0.7 ± 0.05	NS	1.50	0.50	25	0.37	10	201381	●
60	0.7 ± 0.05	NS	1.50	0.50	30	0.43	10	201382	●
65	0.7 ± 0.05	NS	1.50	0.50	32	0.47	10	201378	●
70	0.7 ± 0.05	NS	1.30	0.40	35	0.48	10	201383	●
76	0.7 ± 0.05	NS	1.30	0.40	38	0.52	10	201384	●
80	0.7 ± 0.05	NS	1.00	0.30	40	0.55	10	201385	●
90	0.7 ± 0.05	NS	1.00	0.30	45	0.62	10	201386	●
102	0.7 ± 0.05	NS	1.00	0.30	51	0.69	10	201387	●
112	0.7 ± 0.05	NS	0.70	0.20	56	0.89	10	201388	●
120	0.7 ± 0.05	NS	0.70	0.20	60	0.95	10	201389	●
125	0.7 ± 0.05	NS	0.70	0.20	62	0.99	10	5009241	●
130	0.7 ± 0.05	NS	0.70	0.20	65	1.05	10	201350	●
140	0.7 ± 0.05	NS	0.70	0.15	70	1.10	10	201390	●
152	0.7 ± 0.05	NS	0.70	0.15	76	1.19	10	201391	●
160	0.7 ± 0.05	NS	0.40	0.10	80	1.26	10	201394	●
180	0.7 ± 0.05	NS	0.40	0.10	90	1.42	10	201395	●
203	0.7 ± 0.05	NS	0.40	0.10	101	1.87	10	201392	●
232	0.7 ± 0.05	NS	0.40	0.10	116	2.20	10	85060	2
254	0.7 ± 0.05	NS	0.30	0.08	125	2.36	10	201396	●
300	0.7 ± 0.05	NS	0.30	0.08	150	2.79	10	85207	●
305	0.7 ± 0.05	NS	0.30	0.08	152	2.81	10	5009242	3
350	0.7 ± 0.05	NS	0.30	0.08	175	3.30	10	85040	3
400	0.7 ± 0.05	NS	0.15	0.08	200	5.12	5	5009243	4
500	0.7 ± 0.05	NS	0.15	0.08	250	6.40	5	5009244	4

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

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● = Stock item.  
Non stock, min. quantity: 1 = 100 m ; 2 = 50 m ; 3 = 10 m ; 4 = 5 m.  
NS = No significant.