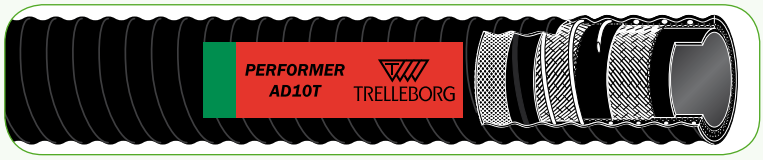
PERFORMER AD10T

CONSTRUCTION & ENVIRONMENT

Abrasive materials hydraulic and pneumatic handling



Applications

Pneumatic or hydraulic suction or discharge of abrasive materials with high temperature.

Advantages

- Excellent resistance to abrasion at high temperature.
- Low installation cost.
- Static conductivity ensured by the helix and by the antistatic tube.
- Suppression of pressure surges.
- Reduction in head loss.
- Damping of vibrations and noise.
- Many types of fittings possible.
- Excellent weather resistance.

Technical description

Inner tube: EPDM, black, smooth.
Reinforcement: synthetic textile with embedded steel helix.
Cover: weather resistant EPDM, black, corrugated, fabric impression.
Temperature range: - 30 °C to + 100 °C (peaks at + 110 °C).
Electrical properties: conductive tube, R < 10^6 Ω/m.

Complementary information

Low stretch under 10 bar working pressure:
ID ≤ 150 mm = 1 % max,
ID > 150 mm = 2 % max.

Hoses can be manufactured with straight or enlarged ends.

Couplings/Fittings

Hoses are fitted with END-FLEX® flanges (fitted hoses are allowed to work with pressure and vacuum mentioned in the table).

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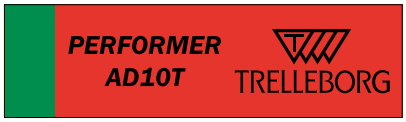
ID		OD		OD cuffs	Working pressure	Bursting pressure	Max. vacuum	Bending radius	Weight	Min. length			Max. length	Stock (■) or min. order
										cuffs	flanges	composite		
mm		mm		mm	bar	bar	bar	mm	kg/m	m	m	m	m	m
25.0	- 0/+ 1	53.0	± 2	49.5	10	30	0.9	125	2.21	0.18	0.25	0.26	20	0.25
32.0	- 0/+ 1	60.0	± 2	56.5	10	30	0.9	160	2.65	0.18	0.25	0.26	20	0.25
40.0	- 0/+ 1	73.0	± 2	69.5	10	30	0.9	200	3.19	0.18	0.25	0.26	20	0.25
50.0	- 0/+ 1	83.0	± 2	79.5	10	30	0.9	250	4.24	0.21	0.25	0.28	20	0.25
65.0	- 0/+ 1	98.0	± 2	94.5	10	30	0.9	325	5.15	0.21	0.25	0.28	20	0.25
75.0	- 0/+ 1	108.0	± 2	104.5	10	30	0.9	375	5.78	0.24	0.25	0.29	20	0.25
80.0	- 0/+ 1	113.0	± 2	109.5	10	30	0.9	400	6.06	0.24	0.25	0.29	20	0.25
100.0	- 0/+ 1	133.0	± 2	129.5	10	30	0.9	500	7.32	0.28	0.25	0.31	20	0.25
125.0	- 0/+ 1	158.0	± 2	156.0	10	30	0.9	750	8.66	0.31	0.25	0.33	20	0.25
150.0	- 0/+ 1	183.0	± 2	181.0	10	30	0.9	1050	10.18	0.36	0.25	0.35	20	0.25
175.0	- 0/+ 1	208.0	± 2	206.0	10	30	0.9	1300	11.70	0.41	0.25	0.38	10	0.25
200.0	- 0/+ 2	234.5	± 2	233.5	10	30	0.9	1600	14.30	0.46	0.25	0.40	12	0.25
250.0	- 0/+ 2	285.5	± 2	284.5	10	30	0.9	2000	17.50	0.56	0.25	0.45	12	0.25
300.0	- 0/+ 2	340.5	± 2	340.0	10	30	0.9	2500	24.82	0.81	0.25	0.58	12	0.25
350.0	- 0/+ 2	391.0	± 2	391.8	10	30	0.9	3000	29.44	0.94	0.25	0.64	12	0.25
400.0	- 0/+ 2	442.0	± 2	442.0	10	30	0.9	3400	34.51	1.06	0.25	0.70	12	0.25

Branding



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