

PERFORMER AD10H

CONSTRUCTION & ENVIRONMENT

Abrasive materials hydraulic and pneumatic handling



Applications

Hydraulic suction or discharge of abrasive materials.

Advantages

- Excellent resistance to abrasion.
- Low installation costs.
- Suppression of pressure surges.
- Reduction in pressure head loss.
- Damping of vibrations and noise.
- Many types of fittings possible.
- Excellent weather resistance.

Technical description

Inner tube: wear resistant NR, black, smooth.

Reinforcement: synthetic textile with embedded steel helix.

Cover: weather resistant EPDM, black, corrugated, fabric impression.

Temperature range: - 30 °C to + 70 °C.

Electrical properties: conductive tube, $R < 10^6 \Omega/m$ (on request, built-in conductive wire).

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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11/05/2007

ID		OD		OD cuffs	Working pressure	Bursting pressure	Max. vacuum	Bending radius	Weight	Min. length			Max. length	Stock (■) or min. order
		mm	mm							mm	m	m		
25.0	-0/+1	53.0	±2	49.5	10	30	0.9	125	2.13	0.18	0.25	0.26	20	0.25
32.0	-0/+1	60.0	±2	56.5	10	30	0.9	160	2.56	0.18	0.25	0.26	20	0.25
40.0	-0/+1	73.0	±2	69.5	10	30	0.9	200	3.53	0.18	0.25	0.26	20	0.25
50.0	-0/+1	83.0	±2	79.5	10	30	0.9	250	4.20	0.21	0.25	0.28	20	0.25
65.0	-0/+1	98.0	±2	94.5	10	30	0.9	325	5.05	0.21	0.25	0.28	20	0.25
75.0	-0/+1	108.0	±2	104.5	10	30	0.9	375	5.65	0.24	0.25	0.29	20	0.25
80.0	-0/+1	113.0	±2	109.5	10	30	0.9	400	5.94	0.24	0.25	0.29	20	0.25
100.0	-0/+1	133.0	±2	129.5	10	30	0.9	500	7.33	0.28	0.25	0.31	20	0.25
125.0	-0/+1	158.0	±2	156.0	10	30	0.9	750	8.64	0.31	0.25	0.33	20	0.25
150.0	-0/+1	183.0	±2	181.0	10	30	0.9	1050	10.38	0.36	0.25	0.35	20	0.25
175.0	-0/+1	208.0	±2	206.0	10	30	0.9	1300	11.93	0.41	0.25	0.38	10	0.25
200.0	-0/+2	234.5	±2	233.5	10	30	0.9	1600	14.59	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	24.77	0.81	0.25	0.58	12	0.25
350.0	-0/+2	391.0	±2	391.8	10	30	0.9	3000	30.62	0.94	0.25	0.64	12	0.25
400.0	-0/+2	442.0	±2	442.0	10	30	0.9	4000	35.96	1.06	0.25	0.70	12	0.25

Branding



and embossed: month/year

