

PERFORMER AD10S

CONSTRUCTION & ENVIRONMENT

Abrasive materials hydraulic and pneumatic handling



Applications

Hydraulic suction or discharge of highly abrasive materials such as blast furnace slag.

Advantages

- Excellent resistance to abrasion.
- Low installation cost.
- Suppression of pressure surges.
- Reduction in pressure head loss.
- Damping of vibrations and noise.
- Can also be used for pneumatic transfer at a flow rate exceeding 30 m/sec in which case static conductivity is assured by a bonding wire braid.

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 (peaks at + 80 °C).

Electrical properties: conductive tube, $R < 10^6 \Omega/m$.

Complementary information

Low stretch under 10 bar working pressure = 2 % max.

Couplings/Fittings

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

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ID	OD	Working pressure	Bursting pressure	Max. vacuum	Bending radius	Weight	Max. length	Stock (■) or min. order
mm	mm	bar	bar	bar	mm	kg/m	m	m
200.0	-0/+2 241.6 ± 2.5	10	30	0.9	1600	16.90	12	0.25
225.0	-0/+2 266.6 ± 2.5	10	30	0.9	1800	19.67	10	0.25
250.0	-0/+2 291.6 ± 2.5	10	30	0.9	2000	21.63	12	0.25
300.0	-0/+2 347.0 ± 2.5	10	30	0.9	2500	30.14	12	0.25
350.0	-0/+2 397.6 ± 2.5	10	30	0.9	3000	35.99	12	0.25
400.0	-0/+2 448.4 ± 2.5	10	30	0.9	3400	41.48	12	0.25

Branding



and embossed: month/year

