

PERFORMER GL AD10T



MINING & QUARRIES

Abrasive materials hydraulic and
pneumatic handling



APPLICATIONS

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

ADVANTAGES

Very long lifespan thanks to the thick tube.
Excellent ageing, ozone and weather resistance thanks to the EPDM cover.
No leakage thanks to the special gasket with steel reinforcement and the centering system.
Can be supplied cut to length for on-site coupling.
Hoses are fitted with BLOC-END®, END-FLEX®, cuffed or enlarged ends.

COUPLING/FITTINGS

Hoses fitted with BLOC-END® must be used to the following maximum working pressure:

ID ≤ 150mm: 10bar.

ID > 150mm:

- 10bar for static application (no hose movement, no water hammer, no traction) and/or temperature max < 40°C,
- 5bar for dynamic application and/or temperature > 40°C.

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

Cuffed or enlarged ends.

COMPLEMENTARY INFORMATION

When used with air, the working pressure of hose is voluntary limited to a lower value depending on the diameters in order to remain within the limit of the Article 4 §3 of PED 2014/68/UE:

125-200mm: 5bar, 250mm: 4bar, 300mm: 3bar, ≥ 350mm: 2bar.

For higher working pressure in pneumatic conveying, consult us.

Low stretch under 10bar working pressure.

Lengths are stocked in 20 or 12m, consult us for longer lengths.

TECHNICAL DESCRIPTION

Inner tube	EPDM, black, smooth.
Reinforcement	synthetic textile with embedded steel helix
Cover	weather resistant EPDM, black, corrugated, fabric impression.
Working temperature	-30°C => +100°C. Peaks at +110°C
Electrical Properties	conductive tube and cover (helix must be connected with couplings). Hose is ATEX approved for dimensions above 40mm. Can be used in ATEX zones.
Special Properties	Max. vacuum: 0.9 bar.





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ID (MM)	OD (MM)	WORKING PRESSURE (BAR)	BURSTING PRESSURE (BAR)	BENDING RADIUS (MM)	WEIGHT (KG/M)	LENGTH (M)	ARTICLE NUMBER
25.0	53.0	10	30	125	2.37	20.0	0127950
32.0	60.0	10	30	160	2.79	20.0	0127951
40.0	73.0	10	30	200	4.07	20.0	0127952
50.0	83.0	10	30	250	4.39	20.0	0094968
65.0	98.0	10	30	325	4.91	20.0	0094233
80.0	113.0	10	30	400	5.58	20.0	0094969
100.0	133.0	10	30	500	7.10	20.0	0094290
125.0	158.0	10	30	750	9.00	20.0	0128405
150.0	183.0	10	30	1050	10.18	20.0	0094459
200.0	234.5	10	30	1600	14.28	12.0	0126597
250.0	285.5	10	30	2000	17.50	12.0	0126600
300.0	340.5	10	30	2500	25.16	12.0	0126603

Tolerance on length: $\pm 1\%$ (ISO 1307 Standard).

