

PERFORMER GL AD10H



MINING & QUARRIES

Abrasive materials hydraulic and
pneumatic handling



APPLICATIONS

Hydraulic suction or discharge of abrasive materials.

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	wear resistant NR, black, smooth.
Reinforcement	synthetic textile with embedded steel helix
Cover	weather resistant EPDM, black, corrugated, fabric impression.
Working temperature	-30°C => +70°C.
Electrical Properties	conductive tube and cover (helix must be connected with couplings). Approved for 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	1.97	20.0	5608923
32.0	60.0	10	30	160	2.33	20.0	5608924
40.0	73.0	10	30	200	3.37	20.0	5608925
50.0	83.0	10	30	250	4.04	20.0	5608911
65.0	98.0	10	30	325	4.99	20.0	5608912
80.0	113.0	10	30	400	5.90	20.0	5608913
100.0	133.0	10	30	500	7.12	20.0	5608914
125.0	158.0	10	30	750	8.72	20.0	5608915
150.0	183.0	10	30	1050	10.20	20.0	5608916
200.0	234.5	10	30	1600	14.31	12.0	5608917
250.0	285.5	10	30	2000	18.90	12.0	5608918
300.0	340.5	10	30	2500	25.30	12.0	5608919
350.0	391.0	10	30	3100	31.47	12.0	5608926
400.0	441.0	10	30	4000	36.39	12.0	5608927
450.0	492.0	10	30	4500	42.60	12.0	5607595
500.0	551.0	10	30	5000	52.30	12.0	5607596

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

