

PERFORMER GL AD10H



MINING & QUARRIES

Abrasive materials hydraulic and pneumatic handling



APPLICATIONS

Hydraulic suction or discharge of abrasive materials.

ADVANTAGES

- ¹ Very long lifespan thanks to the thick tube.
- ¹ Excellent ageing, ozone and weather resistance thanks to the EPDM cover.
- ¹ No leakage thanks to the special gasket with steel reinforcement and the centering system.
- ¹ Can be supplied cut to length for on-site coupling.
- ¹ Hoses are fitted with BLOC-END®, END-FLEX®, cuffed or enlarged ends.

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 and cover (helix must be connected with couplings).
For use in any Atex areas.



COUPLINGS/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.



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ID mm	OD mm	TUBE THICKNESS mm	WORKING PRESSURE bar	BURSTING PRESSURE bar	MAX. VACUUM bar	BENDING RADIUS mm	WEIGHT kg/m	MAX. LENGTH m	ARTICLE NUMBER	STOCK (1) or min. order m
25.0	53.0 ±2	5.6	10	30	0.9	125	1.97	20	0128511	∞
32.0	60.0 ±2	5.6	10	30	0.9	160	2.33	20	0128512	∞
40.0	73.0 ±2	8.5	10	30	0.9	200	3.37	20	0128513	1
50.0	83.0 ±2	8.5	10	30	0.9	250	4.04	20	0061620	∞
65.0	98.0 ±2	8.5	10	30	0.9	325	4.99	20	0061621	∞
80.0	113.0 ±2	8.5	10	30	0.9	400	5.9	20	0061622	∞
100.0	133.0 ±2	8.5	10	30	0.9	500	7.12	20	0061623	∞
125.0	158.0 ±2	8.5	10	30	0.9	750	8.72	20	0061624	∞
150.0	183.0 ±2	8.5	10	30	0.9	1050	10.2	20	0061625	∞
200.0	234.5 ±2	8.5	10	30	0.9	1600	14.31	12	0061626	1
250.0	285.5 ±2	8.5	10	30	0.9	2000	18.9	12	0061627	1
300.0	340.5 ±2	8.5	10	30	0.9	2500	25.3	12	0061628	∞
350.0	391.0 ±3	8.5	10	30	0.9	3100	31.47	12	5501488	∞
400.0	441.0 ±3	8.5	10	30	0.9	4000	36.39	12	5601787	∞

Tolerance on length: ±1% (ISO 1307 Standard).

∞ Upon availability.

Digital version

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