

# 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.

### TECHNICAL DESCRIPTION

Inner tube: EPDM, black, smooth.

Reinforcement: synthetic textile with embedded steel helix.

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

Temperature range: -30°C to +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.



### 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.



|  <b>MINING &amp; QUARRIES</b> |          |                         | <b>PERFORMER GL AD10T</b>  |                             |                       |  |                |                     |                   |                                 |
|---|----------|-------------------------|----------------------------|-----------------------------|-----------------------|---|----------------|---------------------|-------------------|---------------------------------|
| ID<br>mm  | OD<br>mm | TUBE<br>THICKNESS<br>mm | WORKING<br>PRESSURE<br>bar | BURSTING<br>PRESSURE<br>bar | MAX.<br>VACUUM<br>bar | BENDING<br>RADIUS<br>mm   | WEIGHT<br>kg/m | MAX.<br>LENGTH<br>m | ARTICLE<br>NUMBER | STOCK ( ) or<br>min. order<br>m |
| 25.0  | 53.0 ±2  | 5.6                     | 10                         | 30                          | 0.9                   | 125   | 2.37           | 20                  | 0127950           | 20                              |
| 32.0  | 60.0 ±2  | 5.6                     | 10                         | 30                          | 0.9                   | 160   | 2.79           | 20                  | 0127951           | 20                              |
| 40.0  | 73.0 ±2  | 8.5                     | 10                         | 30                          | 0.9                   | 200   | 4.07           | 20                  | 0127952           | 20                              |
| 50.0  | 83.0 ±2  | 8.5                     | 10                         | 30                          | 0.9                   | 250   | 4.39           | 20                  | 0094968           | 40                              |
| 65.0  | 98.0 ±2  | 8.5                     | 10                         | 30                          | 0.9                   | 325   | 4.91           | 20                  | 0094233           | 40                              |
| 80.0  | 113.0 ±2 | 8.5                     | 10                         | 30                          | 0.9                   | 400   | 5.58           | 20                  | 0094969           | 40                              |
| 100.0   | 133.0 ±2 | 8.5                     | 10                         | 30                          | 0.9                   | 500   | 7.1            | 20                  | 0094290           | ∞                               |
| 125.0   | 158.0 ±2 | 8.5                     | 10                         | 30                          | 0.9                   | 750   | 9              | 20                  | 0128405           | 40                              |
| 150.0   | 183.0 ±2 | 8.5                     | 10                         | 30                          | 0.9                   | 1050  | 10.18          | 20                  | 0094459           | 40                              |
| 200.0   | 234.5 ±2 | 8.5                     | 10                         | 30                          | 0.9                   | 1600  | 14.28          | 12                  | 0126597           | 36                              |
| 250.0   | 285.5 ±2 | 8.5                     | 10                         | 30                          | 0.9                   | 2000  | 17.5           | 12                  | 0126600           | 36                              |
| 300.0   | 340.5 ±2 | 8.5                     | 10                         | 30                          | 0.9                   | 2500  | 25.16          | 12                  | 0126603           | 12                              |

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

Digital version



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