

# 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:

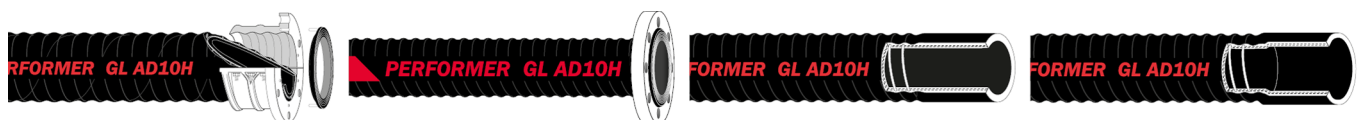
125-200mm: 5bar, 250mm: 4bar, 300mm: 3bar, ≥350mm: 2bar.  
For higher working pressure in pneumatic conveying, consult us.

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.                                   |
| Temperature range     | -30°C => +70°C  |
| Electrical Properties | conductive tube and cover (helix must be connected with couplings).<br>Approved for ATEX zones. |





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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         | 0128511        |
| 32.0    | 60.0    | 10                     | 30                      | 160                 | 2.33          | 20         | 0128512        |
| 40.0    | 73.0    | 10                     | 30                      | 200                 | 3.37          | 20         | 0128513        |
| 350.0   | 391.0   | 10                     | 30                      | 3100                | 31.47         | 12         | 5501488        |
| 400.0   | 441.0   | 10                     | 30                      | 4000                | 36.39         | 12         | 5601787        |

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

