

# PERFORMER AD10P



## CONSTRUCTION & ENVIRONMENT

Abrasive materials hydraulic and pneumatic handling

### Applications

Pneumatic suction or discharge of abrasive materials.

### Advantages

- Excellent resistance to abrasion.
- Low installation cost.
- Static conductivity ensured by steel helix and wire braid.
- Suppression of pressure surges.
- Reduction in pressure head loss.
- Damping of vibrations and noise.
- Many types of fittings possible.
- Excellent weather resistance.

### Technical description

**Inner tube:** wear resistant NR, tan, 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:** built-in conductive wire (helix must be connected with couplings).

### Couplings/Fittings

Hoses can be fitted with:

- 2 END-FLEX®,
- 1 cuff + 1 END-FLEX® flange,
- 2 enlarged or smooth cuffs.

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

### Complementary information

Low stretch under 10 bar working pressure.

Hoses can be manufactured with straight or enlarged ends.

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| ID<br>mm | OD<br>mm       | Working<br>pressure<br>bar | Bursting<br>pressure<br>bar | Max. vacuum<br>bar | Bending radius<br>mm | Weight<br>kg/m | Min. length<br>m | Max. length<br>m | Stock (■) or<br>min. order<br>m |
|----------|----------------|----------------------------|-----------------------------|--------------------|----------------------|----------------|------------------|------------------|---------------------------------|
| 25       | -0/+1 53 ±2    | 10                         | 30                          | 0.9                | 125                  | 2.1            | 0.5              | 20               | *                               |
| 32       | -0/+1 60 ±2    | 10                         | 30                          | 0.9                | 160                  | 2.5            | 0.5              | 20               | *                               |
| 40       | -0/+1 73 ±2    | 10                         | 30                          | 0.9                | 200                  | 3.4            | 0.5              | 20               | *                               |
| 50       | -0/+1 83 ±2    | 10                         | 30                          | 0.9                | 250                  | 4              | 0.5              | 20               | *                               |
| 65       | -0/+1 98 ±2    | 10                         | 30                          | 0.9                | 325                  | 4.8            | 0.5              | 20               | *                               |
| 75       | -0/+1 108 ±2   | 10                         | 30                          | 0.9                | 375                  | 5.4            | 0.5              | 20               | *                               |
| 80       | -0/+1 113 ±2   | 10                         | 30                          | 0.9                | 400                  | 5.7            | 0.5              | 20               | *                               |
| 100      | -0/+1 133 ±2   | 10                         | 30                          | 0.9                | 500                  | 7              | 0.5              | 20               | *                               |
| 125      | -0/+1 158 ±2   | 10                         | 30                          | 0.9                | 750                  | 8.2            | 0.5              | 20               | *                               |
| 150      | -0/+1 183 ±2   | 10                         | 30                          | 0.9                | 1050                 | 9.9            | 0.5              | 20               | *                               |
| 175      | -0/+1 208 ±2   | 10                         | 30                          | 0.9                | 1300                 | 11.3           | 0.5              | 10               | *                               |
| 200      | -0/+2 234.5 ±2 | 10                         | 30                          | 0.9                | 1600                 | 13.9           | 0.5              | 12               | *                               |
| 250      | -0/+2 285.5 ±2 | 10                         | 30                          | 0.9                | 2000                 | 17.6           | 1                | 12               | *                               |
| 300      | -0/+2 340.5 ±2 | 10                         | 30                          | 0.9                | 2500                 | 25             | 1                | 12               | *                               |
| 350      | -0/+2 391 ±3   | 10                         | 30                          | 0.9                | 3000                 | 30.7           | 1.5              | 12               | *                               |
| 400      | -0/+2 441 ±3   | 10                         | 30                          | 0.9                | 4000                 | 36.2           | 1.5              | 12               | *                               |

\* On request.

### Branding



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