

# PERFORMER AD20S



**MINING &  
QUARRIES**

Abrasive materials hydraulic and pneumatic handling



## APPLICATIONS

Hydraulic suction or discharge of abrasive materials.

## ADVANTAGES

- † Excellent resistance to abrasion (very thick tube).
- † 20bar working pressure.
- † Low installation costs.
- † Suppression of pressure surges.
- † Damping of vibrations and noise.

## TECHNICAL DESCRIPTION

Inner tube: wear resistant NR, black, smooth.

Reinforcement: metallic 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.

## COUPLINGS/FITTINGS

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

## COMPLEMENTARY INFORMATION

Low stretch under 20bar working pressure.



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| 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 | MIN.<br>LENGTH<br>m | MAX.<br>LENGTH<br>m | STOCK ( ) or<br>min. order<br>m |
|----------|------------|-------------------------|----------------------------|-----------------------------|-----------------------|-------------------------|----------------|---------------------|---------------------|---------------------------------|
| 150.0    | 196.0 ±1.5 | 9.2                     | 20                         | 60                          | 0.9                   | 1050                    | 16.72          | 0.5                 | 12                  | *                               |
| 200.0    | 252.0 ±2   | 11.2                    | 20                         | 60                          | 0.9                   | 1600                    | 24.97          | 0.5                 | 12                  | *                               |
| 225.0    | 276.0 ±2.5 | 11.2                    | 20                         | 60                          | 0.9                   | 1800                    | 27.71          | 1                   | 10                  | *                               |
| 250.0    | 306.0 ±2.5 | 13.2                    | 20                         | 60                          | 0.9                   | 2000                    | 33.85          | 1                   | 12                  | *                               |
| 300.0    | 356.0 ±2.5 | 13.2                    | 20                         | 60                          | 0.9                   | 2500                    | 39.88          | 1                   | 12                  | *                               |
| 350.0    | 407.0 ±3   | 13.2                    | 20                         | 60                          | 0.9                   | 3000                    | 49.26          | 1.5                 | 12                  | *                               |
| 400.0    | 457.0 ±3   | 13.2                    | 20                         | 60                          | 0.9                   | 4000                    | 55.72          | 1.5                 | 12                  | *                               |
| 450.0    | 511.0 ±3   | 13.2                    | 20                         | 60                          | 0.9                   | 4500                    | 64.01          | 1.5                 | 12                  | *                               |

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

\* On request.

Digital version

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