# PERFORMER AR10

## MINING & QUARRIES

Abrasive materials hydraulic and pneumatic handling

## APPLICATIONS

Hydraulic discharge of abrasive products.

## ADVANTAGES

- Excellent resistance to abrasion.
- Low installation cost.
- Suppression of pressure surges.
- Reduction in pressure head loss.
- Damping of vibrations and noise.
- Outstanding dimensional stability under pressure.
- Good resistance to kinking.
- Excellent weather resistance.

## TECHNICAL DESCRIPTION

Inner tube: wear resistant NR, black, smooth.

Reinforcement: two steel cords for ID≤400mm, four steel cords for ID≥450mm.

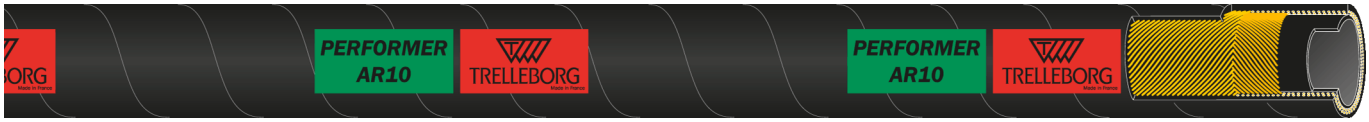
Cover: weather resistant EPDM, black, fabric impression.

Temperature range: -30°C to +70°C.
Peaks at +80°C.

Electrical properties: conductive tube and cover.

## COUPLINGS/FITTINGS

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




and embossed: week/year

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| ID mm | OD mm | TUBE THICKNESS mm | WORKING PRESSURE bar | BURSTING PRESSURE bar | BENDING RADIUS mm | WEIGHT kg/m | MIN. LENGTH m | MAX. LENGTH m | STOCK (1) or min. order m |
|---|---|---|---|---|---|---|---|---|---|
| 100.0 -0/+1 | 126.0 ±1.5 | 6 | 10 | 30 | 700 | 6.75 | 0.5 | 15 | * |
| 125.0 -0/+1 | 155.0 ±2 | 8 | 10 | 30 | 870 | 9.39 | 0.5 | 12 | * |
| 150.0 -0/+1 | 180.0 ±2 | 8 | 10 | 30 | 1050 | 11.06 | 0.5 | 12 | * |
| 175.0 -0/+1 | 205.0 ±2 | 8 | 10 | 30 | 1220 | 12.71 | 0.5 | 10 | * |
| 200.0 -0/+2 | 234.0 ±2 | 10 | 10 | 30 | 1400 | 16.12 | 0.5 | 12 | * |
| 250.0 -0/+2 | 283.0 ±2 | 10.4 | 10 | 30 | 1750 | 20.05 | 1 | 12 | * |
| 300.0 -0/+2 | 333.0 ±2.5 | 10.4 | 10 | 30 | 2100 | 23.76 | 1 | 12 | * |
| 350.0 -0/+2 | 390.0 ±3 | 12.4 | 10 | 30 | 2450 | 33.84 | 1.5 | 12 | * |
| 400.0 -0/+2 | 440.0 ±3 | 12.4 | 10 | 30 | 2800 | 38.33 | 1.5 | 12 | * |
| 450.0 -0/+2 | 508.0 ±3 | 12.4 | 10 | 30 | 3600 | 64.3 | 2 | 12 | * |
| 500.0 -0/+2 | 558.0 ±3 | 12.4 | 10 | 30 | 4000 | 70.9 | 2 | 12 | * |

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

Digital version

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