

MAGDALA



OIL & GAS

Oil and petroleum/Oil cargo



APPLICATIONS

Discharge of petroleum products for dock or barge service.
For refined products with aromatic up to 50%.

ADVANTAGES

Can be flat coiled on a diameter 800mm steel band.
Smooth inner tube to optimize flow.
Bendable and collapsible hose design.

COUPLING/FITTINGS

Manufactured with fixed or swivel built-in flanges (standard shank or END-FLEX® type).

COMPLEMENTARY INFORMATION

Bending radius test under 3.5bar working pressure (not applicable for ID=300mm).
Hose assembly weight: consult us.
MAGDALA with assembled or swaged couplings: see the data sheet MAGDALA C.
Specific liner available on request:
- Adapted NBR liner for recurrent aircraft fuel transfer.
- HNBR liner for hot oil up to 125°C in continuous service or 135°C in temporary service.
- FKM liner for refined products with aromatic content up to 100% or hot oil at 150°C in continuous service or 200°C in temporary service.
Two additional white radial bands at both ends to differentiate from standard design. Green branding for FKM.

TECHNICAL DESCRIPTION

| | |
|-----------------------|---|
| Inner tube | oil resistant NBR, black, smooth. |
| Reinforcement | synthetic textile, cords |
| Cover | oil and weather resistant CR, black, fabric impression. |
| Temperature range | -20°C => +82°C |
| Electrical Properties | built-in conductive wire, R<0.5Ω/m (electrical discontinuity available on request). |

STANDARD/APPROVAL

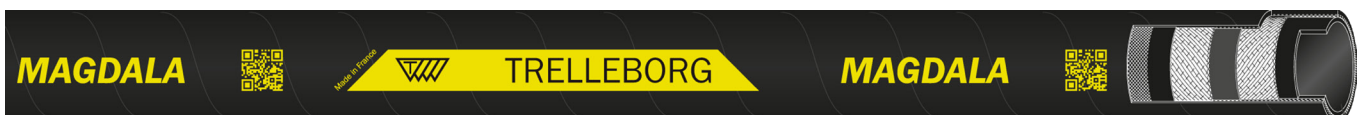
EN 1765:2016 type L10/L15.



French directive TMD (carriage of dangerous goods in France).



at both ends: MAGDALA 10 - EN 1765 - ND mm (ND inches) - Pressure rating 10bar (150PSI) - L10 - Electrically continuous or Electrically discontinuous and Non-bonded End - quarter/year - serial number or: MAGDALA 15 - EN 1765 - ND mm (ND inches) - Pressure rating 15bar (215PSI) - L15 - Electrically continuous or Electrically discontinuous and Non-bonded End - quarter/year - serial number





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| ID (MM) | OD (MM) | WORKING PRESSURE (BAR) | BURSTING PRESSURE (BAR) | BENDING RADIUS (MM) | LENGTH (M) | ARTICLE NUMBER |
|---------|---------|------------------------|-------------------------|---------------------|------------|----------------|
| 50.0 | 62.0 | 10.0 | 40.0 | 300 | 0 | HOCHH058050 |
| 75.0 | 87.0 | 10.0 | 40.0 | 450 | 0 | HOCHH058075 |
| 75.0 | 87.0 | 15.0 | 60.0 | 450 | 0 | HOCHH059075 |
| 100.0 | 114.0 | 10.0 | 40.0 | 600 | 0 | HOCHH058100 |
| 100.0 | 114.0 | 15.0 | 60.0 | 600 | 0 | HOCHH059100 |
| 150.0 | 164.0 | 10.0 | 40.0 | 900 | 0 | HOCHH058150 |
| 150.0 | 164.0 | 15.0 | 60.0 | 900 | 0 | HOCHH059150 |
| 200.0 | 214.0 | 10.0 | 40.0 | 1200 | 0 | HOCHH058200 |
| 200.0 | 214.0 | 15.0 | 60.0 | 1200 | 0 | HOCHH059200 |
| 250.0 | 266.0 | 10.0 | 40.0 | 1500 | 0 | HOCHH058250 |
| 250.0 | 266.0 | 15.0 | 60.0 | 1500 | 0 | HOCHH059250 |
| 300.0 | 316.0 | 10.0 | 40.0 | 1800 | 0 | HOCHH058300 |
| 300.0 | 316.0 | 15.0 | 60.0 | 1800 | 0 | HOCHH059300 |

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

