



MAGDALA

OIL & GAS

Oil and petroleum/Oil cargo

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

Advantages

- Can be coiled flat.
- Smooth inner tube to optimize flow.
- Bendable and collapsible hose design.

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 to +82°C.

Electrical properties: built-in conductive wire, R<0.5Ω/m (electrical discontinuity available on request).

Standard/Approval:

EN 1765:2004 type L10 / L15 (supersedes BS 1435-1).

Couplings/Fittings

Built-in flanges END-FLEX® or fixed or swivel flanges, either swaged or built-in (ISO PN10, PN16, PN20 ASA150).

Other type of flange or mechanical specifications (diameter, bursting pressure, etc.): on request, consult us.

Complementary information

Bending radius test under 3.5bar working pressure (not applicable for ID=300mm).

Hose assembly weight: consult us.

FKM liner available on request for refined products with aromatic content up to 100% or hot oil at 150°C in continuous service or 200°C in temporary service.



ID mm	Wall thickness mm	OD mm	Enlarged diameter mm	Cuff length mm	Working pressure bar	Bursting pressure bar	Bending radius mm	Max. length m	Notes
50.0	±0.6	6.0	62.0 ±1	55	65	10	40	300	20
75.0	±0.6	6.0	87.0 ±1	86	100	10	40	450	20
75.0	±0.6	6.0	87.0 ±1	86	100	15	60	450	20
100.0	±1.6	7.0	114.0 ±1	110	150	10	40	600	20
100.0	±1.6	7.0	114.0 ±1	110	150	15	60	600	20
150.0	±2.0	7.0	164.0 ±1	164	150	10	40	900	20
150.0	±2.0	7.0	164.0 ±1	164	150	15	60	900	20
200.0	±2.0	7.0	214.0 ±1	218	200	10	40	1200	20
200.0	±2.0	7.0	214.0 ±1	218	200	15	60	1200	20
250.0	±2.4	8.1	266.0 ±2	270	250	10	40	1500	12
250.0	±2.4	8.1	266.0 ±2	270	250	15	60	1500	12
300.0	±5.0	8.1	316.0 ±2	325	300	10	40	1800	12
300.0	±5.0	8.1	316.0 ±2	325	300	15	60	1800	12

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

Lengths in bold = stock item. Other lengths = non stock (consult us for minimum quantity of order).

Branding



at both ends:



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

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