

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.

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, $R < 0.5 \Omega/m$
(electrical discontinuity available on request).

STANDARD/APPROVAL

EN 1765:2016 type L10/L15.

EN

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

TMD

COUPLINGS/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.

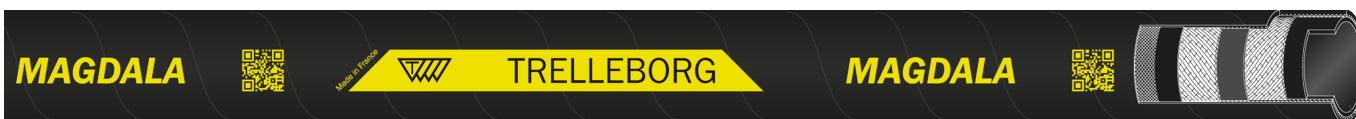
Specific liner available on request:

- 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.

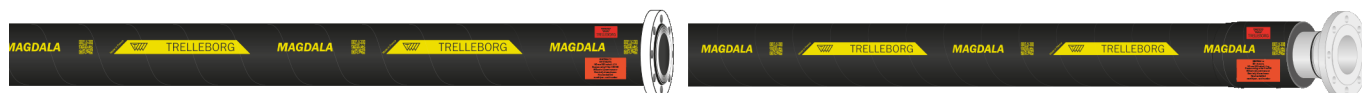




at both ends:

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	WALL THICKNESS mm	OD mm	ENLARGED DIAMETER mm	CUFF LENGTH mm	WORKING PRESSURE bar	BURSTING PRESSURE bar	BENDING RADIUS mm	MAX. LENGTH m	STOCK () or min. order m
50.0 ±0.6	6	62.0 ±1	55	65	10	40	300	20	*
75.0 ±0.6	6	87.0 ±1	86	100	10	40	450	20	*
100.0 ±1.6	7	114.0 ±1	110	150	10	40	600	20	*
150.0 ±2.0	7	164.0 ±1	164	150	10	40	900	20	*
200.0 ±2.0	7	214.0 ±1	218	200	10	40	1200	20	*
250.0 ±2.4	8.1	266.0 ±2	270	250	10	40	1500	12	*
300.0 ±5.0	8.1	316.0 ±2	325	300	10	40	1800	12	*
75.0 ±0.6	6	87.0 ±1	86	100	15	60	450	20	*
100.0 ±1.6	7	114.0 ±1	110	150	15	60	600	20	*
150.0 ±2.0	7	164.0 ±1	164	150	15	60	900	20	*
200.0 ±2.0	7	214.0 ±1	218	200	15	60	1200	20	*
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	15	60	1800	12	*
Tolerance on length: ±1% (ISO 1307 Standard).									* On request.

