

DOCKER



DOCKER

OIL & GAS

Applications

Heavy duty suction and discharge of petroleum products for dock side service, for refined products with aromatic content up to 50%.

Advantages

- Smooth inner tube.
- Bursting pressure > 60bar.
- Low elongation to tensile load.

Technical description

Inner tube: oil resistant NBR, black, smooth.

Reinforcement: synthetic textile cords with embedded steel helix.

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 S15 (supersedes BS 1435-1).

Couplings/Fittings

Manufactured with built-in flanges: fixed or swivel (ISO PN16, PN20 ASA150, etc.), slip-on, welding-neck RF or FF type.

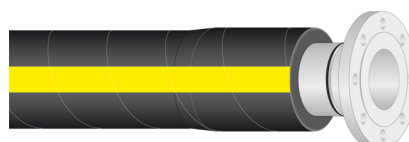
Other mechanical specifications (diameter, bursting pressure, etc.): on request.

Complementary information

Additional weight for flanges, consult us.

HNBR liner available on request for hot oil up to 125°C in continuous service or 135°C in temporary service.

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		Working pressure bar	Bursting pressure bar	Max. vacuum bar	Bending radius mm	Weight kg/m	Max. length m	Length m	Article number	Stock or min. order m
75	±0.6	15.0	105	±3.0	15.0	60	0.9	500	6.1	20	0	HOCHH060075	□
100	±1.6	15.5	131	±3.0	15.0	60	0.9	600	9.2	20	0	HOCHH060100	□
152	±2.0	17.0	186	±3.0	15.0	60	0.9	850	13.2	13	0	HOCHH060150	□
203	±2.0	16.5	236	±3.0	15.0	60	0.9	1100	19.1	13	0	HOCHH060200	□
250	±2.4	16.5	283	±3.0	15.0	60	0.9	1350	23.0	13	0	HOCHH060250	□
300	±5.0	17.5	335	±3.0	15.0	60	0.9	1600	30.6	13	0	HOCHH060300	□
350	±5.0	17.5	385	±3.0	15.0	60	0.9	1850	35.4	12	0	HOCHH060350	□
400	±5.0	20.5	441	±3.0	15.0	60	0.9	2150	47.1	12	0	HOCHH060400	□

□ Upon availability.

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

Branding

DOCKER

Made in France



TRELLEBORG

at both ends:



TRELLEBORG

Made in France

DOCKER - EN 1765 - Pressure rating 15bar (225PSI) - ND mm (ND inches) - S15 - Electrically continuous or Electrically discontinuous and Non-bonded
End - quarter/year - serial number

MAGDALA



MAGDALA

OIL & GAS

Applications

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, etc.).

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.

HNBR liner available on request for hot oil up to 125°C in continuous service or 135°C in temporary service.

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	Length m	Article number	Stock or min. order m
50	±0.6	6.0	62	±1	55	65	10.0	40	300	20	0	HOCHH05805 0	☐
75	±0.6	6.0	87	±1	86	100	10.0	40	450	20	0	HOCHH05807 5	☐
							15.0	60				HOCHH05907 5	☐
100	±1.6	7.0	114	±1	110	150	10.0	40	600	20	0	HOCHH05810 0	☐
							15.0	60				HOCHH05910 0	☐
150	±2.0	7.0	164	±1	164	150	10.0	40	900	20	0	HOCHH05815 0	☐
							15.0	60				HOCHH05915 0	☐
200	±2.0	7.0	214	±1	218	200	10.0	40	1200	20	0	HOCHH05820 0	☐
							15.0	60				HOCHH05920 0	☐
250	±2.4	8.1	266	±2	270	250	10.0	40	1500	12	0	HOCHH05825 0	☐
							15.0	60				HOCHH05925 0	☐
300	±5.0	8.1	316	±2	325	300	10.0	40	1800	12	0	HOCHH05830 0	☐
							15.0	60				HOCHH05930 0	☐

☐Upon availability.

Branding

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TRELLEBORG

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

ATLANTIS



ATLANTIS

OIL & GAS

Applications

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

Advantages

- Can be coiled flat. Optimal design for reeling systems.
- Smooth inner tube to optimise the flow rate.
- Continuous length up to 300m.

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).

Couplings/Fittings

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

Complementary information

Bending radius test under 3.5bar working pressure.

Hose assembly weight: consult us.

HNBR liner available on request for hot oil up to 125°C in continuous service or 135°C in temporary service.

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	Length m	Article number	Stock or min. order m
75	±0.6	6.0	87 ±1	100	10.0	30	450	300	0	HOCHH061075	□
					15.0	45				HOCHH062075	□
100	±1.6	7.0	114 ±1	150	10.0	30	600	300	0	HOCHH061100	□
					15.0	45				HOCHH062100	□
125	±2.0	7.0	139 ±1	175	10.0	30	750	300	0	HOCHH061125	□
					15.0	45				HOCHH062125	□
150	±2.0	7.0	164 ±1	150	10.0	30	900	300	0	HOCHH061150	□
					15.0	45				HOCHH062150	□
175	±2.0	7.0	189 ±1	225	10.0	30	1050	300	0	HOCHH061175	□
					15.0	45				HOCHH062175	□
204	±2.0	7.0	218 ±1	200	10.0	30	1200	300	0	HOCHH061204	□
					15.0	45				HOCHH062204	□

□ Upon availability.

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

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