

# DOCKER



## OIL & GAS

Oil and petroleum  
Oil cargo



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

### STANDARD/APPROVAL

EN 1765:2016 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.



At both ends:

DOCKER - EN 1765:2016 - Pressure rating 15bar (225PSI) - ND mm (ND inches) - S15 - Electrically continuous or Electrically discontinuous and Non-bonded End - quarter/year - serial number



 <b>OIL &amp; GAS</b>			<b>DOCKER</b>						
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	STOCK ( ) or min. order m
75.0 ±0.6	15	105.0 ±3.0	15	60	0.9	500	6.1	20	*
100.0 ±1.6	15.5	131.0 ±3.0	15	60	0.9	600	9.2	20	*
152.0 ±2.0	17	186.0 ±3.0	15	60	0.9	850	13.2	13	*
203.0 ±2.0	16.5	236.0 ±3.0	15	60	0.9	1100	19.1	13	*
250.0 ±2.4	16.5	283.0 ±3.0	15	60	0.9	1350	23	13	*
300.0 ±5.0	17.5	335.0 ±3.0	15	60	0.9	1600	30.6	13	*
350.0 ±5.0	17.5	385.0 ±3.0	15	60	0.9	1850	35.4	12	*
400.0 ±5.0	20.5	441.0 ±3.0	15	60	0.9	2150	47.1	12	*
Tolerance on length: ±1% (ISO 1307 Standard).									* On request.

Digital version

