

## Oil & Petrochemical

## FLEXIBLE ENGINEERING

# A486 STS helix-free crude oil and petroleum transfer hose

## A range of hoses designed for ship-to-ship oil lightering service

### Product description

#### Lining

Black nitrile rubber to convey crude oil and other liquid petroleum based products with a maximum aromatic content of 50%. Temperature range  $-20^{\circ}\text{C}$  to  $+80^{\circ}\text{C}$  ( $-4^{\circ}\text{F}$  to  $176^{\circ}\text{F}$ ).

#### Coupling system

Built-in vulcanised carbon steel nipples with galvanised ASTM A105 ANSI B16.5 150lb raised face slip-on welded or weld neck flanges. Other drillings are available.



#### Reinforcement

Multiple layers of high-strength synthetic tyre cord giving pressure and fatigue-resistance and rebound-resilience; ensuring that the hose resumes its circular cross-section and performance characteristics after temporary kinking which may occur during operation. Available electrically continuous or discontinuous.

#### Quality assurance

A486 oil hoses are designed in accordance to BSEN 1765:2004 type L15 and OCIMF STS Transfer Guide. Proof tested to 1.5 x working pressure with test and material certificates issued.

#### Branding

Each hose is permanently branded with a longitudinal white alignment stripe, serial number, service, electrical status and date of manufacture.

- High rebound-resilience
- Custom-built assemblies
- Built-in couplings
- Permanent branding

#### A486 nominal physical data

Nominal inside diameter	Inside diameter	Outside diameter	Weight kg/mt
300mm (12")	305mm	385mm	49.7
250mm (10")	254mm	330mm	42.1
200mm (8")	204mm	267mm	28.4
150mm (6")	153mm	202mm	16.9
100mm (4")	102mm	144mm	9.8

#### Pressure rating/Flow rate

17 bars (250 psi) 85 bar burst pressure. Flow rate 21m/sec.

#### Cover

Tough abrasion, weather and oil resistant neoprene rubber.

**Flexiducting Limited**