

# BOAT FUEL HOSE ISO 7840 A1



MARINE EQUIPMENT

Boat equipment/Oil



## APPLICATIONS

Fire resistant fuel line hose in boat applications.

## ADVANTAGES

- Meets the highest requirement in permeation resistance.
- Lloyd's Register Marine & Shipping.

## COMPLEMENTARY INFORMATION

Other lengths on request.

## TECHNICAL DESCRIPTION

|                     |   |
|---------------------|---|
| Inner tube          | NBR, black, smooth.   |
| Reinforcement       | synthetic textile braided with embedded steel helix for ID>25mm                                   |
| Cover               | CR, black, smooth for ID≤25mm, fine fabric impression for ID>25mm.                                |
| Working temperature | -30°C => +100°C.  |
| Special Properties  | Max. vacuum : - R1 : DN 5-10mm : 0,8 bar. - R1 : DN 12-25mm : 0,7 bar. - R2 : DN 16-63 : 0,7 bar. |

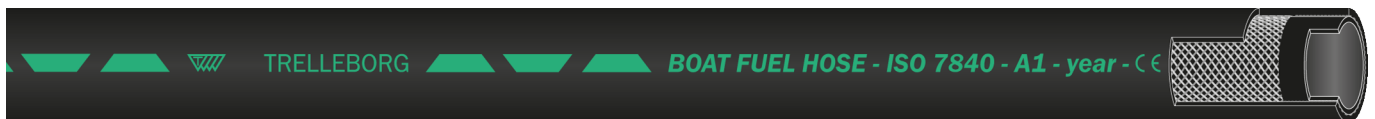
## STANDARD/APPROVAL

ISO 7840:2018-A type 1

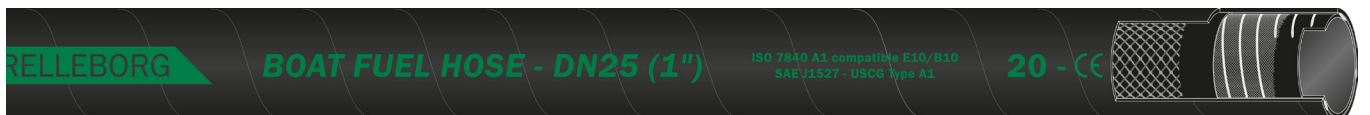
ISO

SAE J1527:2011 USGC type A-class 1 and class 2-style R1 and R2.

SAE



R1 : 5-25mm



R2 : 19-63mm



| ID (MM) | OD (MM) | WORKING PRESSURE (BAR) | BURSTING PRESSURE (BAR) | BENDING RADIUS (MM) | WEIGHT (KG/M) | LENGTH (M) | TYPE | ARTICLE NUMBER |
|---------|---------|------------------------|-------------------------|---------------------|---------------|------------|------|----------------|
| 5.0     | 13.0    | 10                     | 30                      | 20                  | 0.15          | 20.0       | R1   | 5514031        |
| 5.0     | 13.0    | 10                     | 30                      | 20                  | 0.15          | 40.0       | R1   | 5514032        |
| 6.3     | 14.5    | 10                     | 30                      | 23                  | 0.18          | 20.0       | R1   | 5514033        |
| 6.3     | 14.5    | 10                     | 30                      | 23                  | 0.18          | 40.0       | R1   | 5514034        |
| 8.0     | 16.0    | 10                     | 30                      | 25                  | 0.20          | 20.0       | R1   | 5514035        |
| 8.0     | 16.0    | 10                     | 30                      | 25                  | 0.20          | 40.0       | R1   | 5514036        |
| 12.7    | 21.0    | 10                     | 30                      | 45                  | 0.29          | 20.0       | R1   | 5514039        |
| 12.7    | 21.0    | 10                     | 30                      | 45                  | 0.29          | 40.0       | R1   | 5514040        |
| 16.0    | 25.0    | 10                     | 30                      | 65                  | 0.38          | 20.0       | R1   | 5514041        |
| 16.0    | 25.0    | 10                     | 30                      | 65                  | 0.38          | 40.0       | R1   | 5514042        |
| 19.0    | 28.5    | 10                     | 30                      | 80                  | 0.49          | 40.0       | R2   | 59011424       |
| 25.0    | 35.0    | 10                     | 30                      | 110                 | 0.60          | 20.0       | R1   | 5514045        |
| 25.0    | 35.0    | 10                     | 30                      | 110                 | 0.60          | 40.0       | R1   | 5514046        |
| 32.0    | 42.0    | 10                     | 30                      | 128                 | 0.96          | 40.0       | R2   | 59011426       |
| 38.0    | 48.0    | 10                     | 30                      | 152                 | 1.11          | 40.0       | R2   | 59011427       |
| 40.0    | 50.0    | 10                     | 30                      | 160                 | 1.16          | 40.0       | R2   | 59011428       |
| 51.0    | 63.0    | 10                     | 30                      | 204                 | 1.70          | 40.0       | R2   | 59011429       |
| 63.0    | 75.0    | 10                     | 30                      | 252                 | 2.14          | 40.0       | R2   | 59011431       |

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

