

# Polyhose®

## PH183 FIRE SHIELD HOSE (BOP HOSE)



Certified by Lloyd's Register to meet both API 16D and Lloyd's 1000/499 standards  
 Certificate # - PRJ11100490792/01



Our certified BOP Hose keeps jobs moving with easy assembly and increased efficiency. Manufactured in state-of-the-art facilities with advanced engineering, PH138 exceeds the highest standard in oil and gas applications where performance under pressure is a necessity.

### CONSTRUCTION

#### INNER TUBE

Black color, synthetic rubber resistant to oil and water

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Fiberglass layer applied till 1.1/4" sizewater

#### APPLICATION

Fire Shield Hose is used as a flame preventer in the hydraulic control system with operating pressure 5000 PSI. It meets fire tests as per API 16D spec for 5 minutes at 1300°F (tested for more than 10 minutes at 1472°F), operated under emergencies.

#### REINFORCEMENT

Four high tensile steel wire spirial (DN 10 - 32)  
 Six high tensile steel wire spirial (DN 38 - 51)

#### COVER

Red synthetic rubber resistant to fire, abrasion, oil, weather, and ozone

#### COMPATABLE FITTINGS

2BP20400-XXXXXX - SKIVE up to 1" (-16)  
 2BP30600-XX0000 INTERLOCK 1-1/4" and above Insert Series - 110XXXXX

| ITEM CODE | DASH SIZE | DN | ID    |       | OD   |       | WP   |     | BP    |      | BR/r  |     | WEIGHT |
|-----------|-----------|----|-------|-------|------|-------|------|-----|-------|------|-------|-----|--------|
|           |           |    | inch  | mm    | inch | mm    | psi  | bar | psi   | bar  | in    | mm  |        |
| PH183-06  | -6        | 10 | 3/8   | 9.70  | 1.02 | 26.00 | 5000 | 345 | 20000 | 1380 | 5.91  | 150 | 1.14   |
| PH183-08  | -8        | 12 | 1/2   | 13.0  | 1.18 | 30.00 | 5000 | 345 | 20000 | 1380 | 9.06  | 230 | 1.36   |
| PH183-12  | -12       | 19 | 3/4   | 19.20 | 1.46 | 37.00 | 5000 | 345 | 20000 | 1380 | 12.01 | 305 | 1.96   |
| PH183-16  | -16       | 25 | 1     | 25.90 | 1.73 | 44.00 | 5000 | 345 | 20000 | 1380 | 14.96 | 380 | 2.70   |
| PH183-20  | -20       | 32 | 1.1/4 | 32.20 | 2.28 | 58.00 | 5000 | 345 | 20000 | 1380 | 17.99 | 457 | 4.92   |
| PH183-24  | -24       | 38 | 1.1/2 | 38.60 | 2.48 | 63.00 | 5000 | 345 | 20000 | 1380 | 22.05 | 560 | 6.03   |
| PH183-32  | -32       | 51 | 2     | 51.30 | 3.01 | 76.50 | 5000 | 345 | 20000 | 1380 | 26.77 | 680 | 7.83   |

Continuous: -40°C to +121°C