

57CR “Sea Wolf” - High Collapse Resistant Hose



Features and Applications

- Ultra-high abrasion resistant
- Suitable for marine (salt water) environment
- ISO 13628-5 “Specification for Subsea Production Control Umbilicals”, Section 7.9 Hose construction
- Smooth bore for improved flow rate and low pressure drop
- Ideal solution for subsea hydraulic lines that are not under constant system pressure
- Hose is not recommended for high pressure pneumatic service applications

Markets

- Oil & Gas



| Part Number | Jacket Color | Nominal I.D. | | Maximum O.D. | | Maximum Working Pressure | | Minimum Bend Radius | | Weight | | Fitting Series | |
|-------------|--------------|--------------|-----|--------------|------|--------------------------|-------|---------------------|-------|--------|------|----------------|----|
| | | inch | mm | inch | mm | psi | bar | inch | mm | lbs/ft | kg/m | | |
| # | | | | | | | | | | | | | |
| 57CR-8-BLU | Blue | 12 | 1/2 | 12.7 | 1.18 | 30 | 5,000 | 34.5 | 6.25 | 159 | 0.63 | 0.94 | CR |
| 57CR-8-YEL | Yellow | 12 | 1/2 | 12.7 | 1.18 | 30 | 5,000 | 34.5 | 6.25 | 159 | 0.63 | 0.94 | CR |
| 57CR-16-BLU | Blue | 25 | 1 | 25.4 | 2 | 50.8 | 5,000 | 34.5 | 10.75 | 273 | 1.46 | 2.17 | CR |
| 57CR-16-YEL | Yellow | 25 | 1 | 25.4 | 2 | 50.8 | 5,000 | 34.5 | 10.75 | 273 | 1.46 | 2.17 | CR |

Construction

Core Tube: Polyamide with stainless steel helix support

Reinforcement: High tensile strength aramid fiber

Cover: Polyurethane

Options

Colors: Blue
 Yellow

Temperature Range

-40°F to +140°F (-40°C to +60°C) for petroleum, synthetic hydraulic oils, water and water-based hydraulic fluid

Minimum Burst Pressure

Min. Burst Pressure is 4x Max. Working Pressure

Notes

- Assembly working pressure is dependent on the lowest rated component. Therefore, if fittings have a lower pressure rating than the hose, the working pressure of the fittings is the working pressure of the assembly.




WARNING

This product can expose you to chemicals including Titanium dioxide, which is known to the State of California to cause cancer. For more information go to www.P65Warnings.ca.gov.

57CR “Sea Wolf” - Fittings and Accessories

Fittings

Technical details available in Section B.

| Hose Part # | 57CR-8 | 57CR-16 |
|---|--|--|
| Fitting Part Numbers  | 606CR-8-8C 66ACR-16-8C-SUBSEA* 66ACR-16-8C-SUBSEA-90* 66ACR-8-8C-SUBSEA* 66ACR-8-8C-SUBSEA-90* | 606CR-16-16C 66ACR-16-16C-SUBSEA* 66ACR-16-16C-SUBSEA-90* 66ACR-24-16C-SUBSEA* 66ACR-24-16C-SUBSEA-90* |

*6A code on CR Series fittings are dual seal connections

Accessories

Technical details available in Section E.



WARNING

This product can expose you to chemicals including Lead, which is known to the State of California to cause cancer and birth defects or other reproductive harm. For more information go to www.P65Warnings.ca.gov.