



Synflex HCR Collapse Proof Hose



Engineered for High Pressure and Low Volumetric Expansion



Synflex® Subsea HCR Collapse Proof Hoses are reinforced with aramid (Kevlar®) fiber bonded to the core tube and cover. The tube is a smooth, seamless, continuous extrusion of Besno Nylon 11 P40TLO, and the flexible 316 stainless

steel interlocking metal carcass is capable of withstanding over 5,000 psi differential pressure.



Applications

- Hydraulic Flying Leads
- Workover Umbilical Component
- Hot Lines
- Chemical and Water Injection

Features

- Available in 5,000 psi and 7,500 psi working pressure with a 4:1 safety factor
- API 17E, ExxonMobile GP 65-05-06, GP 65-05-03 compliant
- Reinforced with aramid (Kevlar) fiber
- Seamless core tube extruded from Besno Nylon 11 P40TLO
- Flexible 316 stainless steel innerlocking carcass withstands over 5,000 psi differential pressure
- Chemical, abrasion and UV resistant nylon outer cover

Benefits

- The ultimate problem-solving hose for deep sea applications
- Superior life expectancy in the most demanding applications
- Multiple sizes to meet many needs
- Rugged and dependable, designed to withstand the most demanding applications and environments
- Available in very long continuous lengths for subsea applications



Synflex Subsea HCR Collapse Proof Hose

Standard Compliance

- API 17E
- GP 65-06-03
- GP 65-05-06

- Available in long continuous lengths over 10,000' long
- Available in single length or bundle component

- 316 stainless steel fittings with a wide array of hose ends

| # | NOMINAL I.D. | | MAXIMUM O.D. | | MAX WORKING PRESSURE AT AMBIENT TEMP | | MIN BURST PRESSURE | | MIN BEND RADIUS | | WEIGHT | | FITTING |
|---------|--------------|------|--------------|------|--------------------------------------|-----|--------------------|-------|-----------------|-----|--------|-------|---------|
| | in | mm | in | mm | psi | bar | psi | bar | in | mm | 100ft | 100m | |
| | | | | | | | | | | | | | |
| 33CP-08 | 1/2 | 12.7 | 1.085 | 27.6 | 5,000 | 345 | 20,000 | 1,379 | 18.0 | 457 | 43.3 | 29.23 | 9C408 |
| 33CP-16 | 1 | 25.4 | 1.740 | 44.2 | 5,000 | 345 | 20,000 | 1,379 | 20.0 | 508 | 112.0 | 75.60 | 9C416 |
| 35CP-08 | 1/2 | 12.7 | 1.185 | 30.1 | 7,500 | 517 | 30,000 | 2,068 | 18.0 | 457 | 47.0 | 31.73 | 9C408 |

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