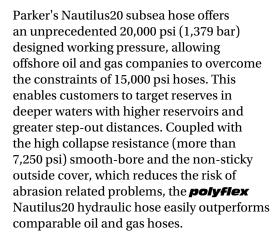
Nautilus20 *polyflex* Hose 20,000 psi umbilical hose



Nautilus20 has a seamless, extruded thermoplastic core tube with a wide range of media compatibility. And with only 4 layers of wire reinforcement, Nautilus20 is similar in weight and bending to a standard 15,000 psi hose. For customers, this means reduced downtime for operations, improved throughput and peace of mind.



Contact Information:

Parker Hannifin Corporation Parflex Division 11151 Cash Road Stafford, TX 77477 phone (281) 566 4500 fax (281) 582 5271 www.parker.com/parflex

Product Features:

- 20,000 psi (1371 bar) working pressure
- High collapse resistance more than 7200 psi (500 bar) collapse resistance
- Large temperature range -40°F to +300°F (-40°C to +150°C)
- Tested to ISO13628-5 / API 17E specifications
- Similar weight and bending radius as standard 15,000 psi hose
- Supreme chemical resistance
- Extreme low permeation rate



ENGINEERING YOUR SUCCESS.

Nautilus20 – 20,000 psi Umbilical Hose



Applications/Markets



- Subsea Jumpers; Topside Jumpers
- Subsea Umbilicals; Topside Umbilicals
- Hydraulic Flying Leads
- Subsea Hydraulics

Features

- 20,000 psi (1371 bar) working pressure
- High performance core tube with only 4 layers of wire
- High performance non-sticky cover
- Supreme chemical resistance
- Extreme low permeation rate
- Extreme long service life

Specifications

• Tested to ISO 13628-5 / API 17E

Part Number	Nominal I.D.			Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Weight		Permanent Fitting Series
#	0		\odot				\mathcal{A}		lbs			
	DN	inch	mm	inch	mm	psi	bar	inch	mm	lbs./ft.	kg./mtr.	
2448P-04V60	-4	1/4	6.4	0.51	13	20,000	138	5.91	150	0.22	0.33	1Y2UX-6-04C
2448P-08V60	-8	1/2	12.9	0.91	23.2	20,000	138	11.8	300	0.77	1.15	1Y25X-9-08C-M-SUBSEA 1Y25X-12-08C-M-SUBSEA

Construction

Tube: High performance thermoplastics Reinforcement: Four layers of high tensile steel wire Cover: High performance thermoplastics

Operating Parameters

Temperature Range:

-40°F to +300°F (-40°C to +150°C) Collapse Rating: 1/4" > 8700 psi, (600 bar) 1/2" > 7200 psi, (500 bar)

Change in working length @ Rated WPSI: +2%/-1.5% Min. Burst Pressure is 3x Max. Working Pressure at 23°C (73°F)

Fittings

Y2 Series constructed of 316 Stainless Steel

2448P-04V60 1Y2UX-6-04C

2448P-08V60 1Y25X-9-08C-M-SUBSEA 1Y25X-12-08C-M-SUBSEA

