

575X/2390N/2380N - Hotline Hoses

Primary Emergency Hydraulic Control Line
in Offshore BOP Stacks



Parker's 575X Series hose, from Parflex Division, is constructed with aramid fiber reinforcement, making it lighter weight and more flexible than steel wire-reinforced designs. This hose is ideal for applications requiring a lighter weight hose. 2390N and 2380N series hoses from **Polyflex** are wire-reinforced hoses which offer increased tensile strength and improved mechanical resistance.

All Parflex and **Polyflex** hotline hoses are extremely durable and designed to withstand the demanding requirements of offshore hotline applications. Customers have an option to add a secondary jacket which can be applied with varying thickness options which are adjustable to match the hose O.D. to clamping system specifications. The secondary jacket is applied in a continuous extrusion process for increased abrasion protection and longer service life. The standard jacket is black, however, other color options are available.

All Parflex and **Polyflex** hotlines are available in long continuous lengths. Stainless steel fittings are available in several configurations.



Hose assemblies can be factory assembled or cut and field terminated.

Contact Information:

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Product Features:

575X

- Long continuous lengths up to 4,000 ft (4,270 m)
- Lighter weight and more flexible than steel wire-reinforced hose
- Proprietary secondary jacket material with low coefficient of friction
- Polyurethane for superior abrasion resistance
- Sequential footage or meter marking along hose length for ease of deployment and depth control reference

2390N/2380N

- Long continuous lengths:
 - 2390N - 16,400 ft (5,000 m)
 - 2380N - 13,200 ft (4,000 m)
- Increased tensile strength and mechanical resistance
- Available with PA12 or methanol-washed PA11 core tube material
- Hoses and corresponding fittings can be crimped using Parker Parkrimp 2 machines

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Technical Specifications

575X Series



Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Typical Volume Exp. @ W.P.		Weight		Maximum Length	
	inch	mm	inch	mm	psi	MPa	inch	mm	cc/ft	cc/m	lbs/ft	kg/m	ft	m
575X-16	1.02	25.9	1.59	40	5,000	34.5	10.0	254	16.8	55.1	0.36	.54	14,000	4,267

Construction

Core tube: Polyamide
Reinforcement: Braided aramid fiber
Jacket: Polyurethane, optional secondary reinforcement jacket (also Polyurethane)
Color: Black

Operating Parameters

Temperature Range: -40°F to +212°F (-40°C to +100°C)
 Minimum Burst Pressure is 4 x Max. Working Pressure
 Maximum Elongation @ W.P.: ±2%

Certifications

- SAE J343 tested
- DNV 5-791.70
- ISO 13628-5 / API 17E compliant

2390N and 2380N Series



Part Number	Nominal I.D.		Maximum O.D.		Maximum Working Pressure		Minimum Bend Radius		Typical Volume Exp. @ W.P.		Weight		Maximum Length	
	inch	mm	inch	mm	psi	MPa	inch	mm	cc/ft	cc/m	lbs/ft	kg/m	ft	m
2390N-16Vxx	1.0	25.2	1.38	34.9	4,060	28.0	11.0	280	6.4	20.9	0.79	1.17	16,400	5,000
2380N-16Vxx	1.0	25.2	1.45	36.8	5,510	38.0	11.4	290	7.2	23.5	1.00	1.49	13,200	4,000

Construction

Core tube: PA12 or Methanol-washed PA11
Reinforcement: 2 closed spiral layers and 2 open spiral layers of high strength wire
Jacket: Sea water resistant Polyurethane
Color: Blue, Yellow, Green or Black

Operating Parameters

Temperature Range: -40°F to +212°F (-40°C to +100°C)
 at a 4:1 design factor; Max of +158°F (+70°C) for water, glycol or methanol-based fluids
 Maximum Elongation @ W.P.: +2% / -1.5%
 Minimum Burst Pressure is 4 x Max. Working Pressure

Certifications

- ISO 13628-5 / API 17E compliant