

2340N-24 *polyflex* Hose

High Pressure Hydraulic Hose
for Oil & Gas Market



Parker **polyflex** 2340N-24 hose is designed for subsea production or repair in the oil & gas market. Its state of the art construction makes this high pressure hydraulic hose suitable for a wide range of land based, off shore and subsea applications.

The seamless, extruded Polyamide core tube has a wide range of media compatibility, making it also suitable for BOP equipment, ROV subsea vehicles, and many other offshore drilling applications. The high tensile steel reinforcement provides a full 5000 psi working pressure at 4:1 design factor. These features, combined with the polyurethane jacket, offer a hose solution that withstands the rigors of the oil & gas industry and exceeds industry standards.

One of the best features about Polyflex 2340N-24 hose is, it is a viable alternative to rubber hose, which often fails due to inner tube blistering when the fluid permeates into the rubber core tube.



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Product Features:

- API 17E and ABS approved
- 5000 psi working pressure at 4:1 design factor
- Seawater-resistant Polyurethane jacket



ENGINEERING YOUR SUCCESS.

2340N – High Pressure Hydraulic Hose



Features

- Moisture ingress resistant
- Available in long continuous lengths
- Cost effective solution to rubber hose

Applications

- Subsea Hydraulics
- Blow Out Preventor (BOP) Stack
- Well Stimulation
- Cementing
- Land Based Hydraulic Applications

Series 2340N

[Visit the webpage](#)

Part Number	Nominal I.D.			Maximum O.D.		Max. Working Pressure 73°F/ 23°C		Minimum Bend Radius		Weight		Permanent Fitting Series
	DN	inch	mm	inch	mm	psi	bar	inch	mm	lbs/ft	kg/mtr	
2340N-24V10	-24	1-1/2	38.0	2.18	55.5	5,000	345	17.7	450	2.35	3.50	8X

Construction

- Tube: Polyamide
- Reinforcement: Two closed spiral layers and two open spiral layers of high tensile steel wire
- Cover: Polyurethane

Operating Parameters

- Temperature Range:
-40°F to +212°F (-40°C to +100°C)
- Vacuum Rating: 28 inch Hg
- Change in working length @ Rated WPSI: +/-2%
- Min. Burst Pressure is 4x Max. Working Pressure

Fittings

- 8X Series constructed of 316 Stainless Steel

Notes

- Operating temperature will vary depending on the fluid. Consult Parker for more information.
- 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.
- Polyflex ColorGard™ extra thick, dual color cover significantly reduces the risk of exposing the reinforcing wires. If the outer black cover has been abraded to the point that the “early warning” red inner cover can be seen, the hose needs to be changed out.