

# Black Eagle Oilfield Service Hose

Proven alternative to rubber hose & welded pipe



Parker BLACK EAGLE high pressure hoses are a proven alternative to rubber hose assemblies and welded piping in both land-based and offshore Oil & Gas applications.

Effective Summer of 2023, all Black Eagle Hose up to 3" 15,000psi is now assembled, tested, and serviced in Stafford, Texas. When applications require a anti-rotational connection, Black Eagle is also proud to offer Grayloc Hub connections in various sizes and materials compositions.

Black Eagle also utilizes ColorGard™ technology into each hose, featuring an extra thick, dual color jacket which serves as a visual indicator to alert the user if excess abrasion has occurred potentially limiting the effectiveness of the assembly. If the outer black cover has been abraded to the point that the "early warning" red inner cover can be seen but there are no exposed wires, the hose can be repaired in the field.

Other applications include fracing, cementing, water and gas injection, acidizing and well stimulation.

## Contact Information:

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[parker.com/pfd-high-pressure](http://parker.com/pfd-high-pressure)



## Product Features:

- Assembled, tested, & serviced in the U.S.
- Grayloc Hub end connections available
- Able to be re-terminated
- Up to 30% weight reduction in comparison to R13 rubber hoses
  - more than 70% in comparison to flexible pipe
  - reduces operator fatigue
  - reduces freight costs
  - reduces equipment weight
- Lower bend radius when compared to composite hose
- Compact design - smaller O.D. than flexible pipe
- DNV Type Approval P 14038 according to API 7K and API 17J
- Features ColorGard™ technology to provide early warning of jacket abrasion

ENGINEERING YOUR SUCCESS.

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- Lower bend radius when compared to composite hose
- Compact design - smaller O.D. than flexible pipe
- Inner core has superior chemical resistance

## Certifications

- DNV Type Approval P 14038 according to API 7K and API 17J

## Applications

- Cementing
- Intervention & Stimulation
- Acidizing
- Mud circulation

## Series Black Eagle

[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	MPa	inch	mm	lbs/ft		kg/mtr
Reinforcement: 1 layers												
2240N-48V80	78	3	76	4.49	114	5,000	345	39.9	1000	7.73	11.5	TX
Reinforcement: 4 layers												
2448N-32V80	50	2	50.8	3.17	80.5	5,000	345	20	508	5.71	8.5	5X
2580N-32V80	50	2	50.8	3.33	84.5	10,000	690	32	813	6.32	9.4	5X
2440N-48V80*	78	3	76	4.8	122	10,000	690	43.3	1100	12.57	18.7	LX
Reinforcement: 6 layers												
2640N-24V80-15K*	40	1-1/2	38.1	2.60	66	15,000	1,035	19.7	500	4.37	6.5	5X
2648N-32V80	50	2	50.8	3.39	86	15,000	1,035	31	787	8.13	12.1	CX
2640N-48V80	78	3	76	5.13	130.3	15,000	1,035	47.3	1200	18.48	27.5	5X

## Construction

- Tube: Polyamide 11, methanol washed
- Reinforcement: Multiple layers of high strength steel wire and open spirals depending on part number. See Catalog 4900. (CAT 4900)
- Cover: Extra thick dual layer polyurethane

## Fittings

- 5X Series
- CX Series
- LX Series
- TX Series

## Operating Parameters

- Temperature Range:  
+14°F to +158°F (-10°C to +70°C)  
\*hose can be used intermittently at +212°F (+100°C)

## 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.
- 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.

## Design Factor

2.25/1	2.5/1	4.1
2640N-48V80 2648N-32V80 2640N-24V80-15K	2580N-32V80 2240N-48V80 2440N-48V80	2448N-32V80