





Black Eagle Light Product Manual

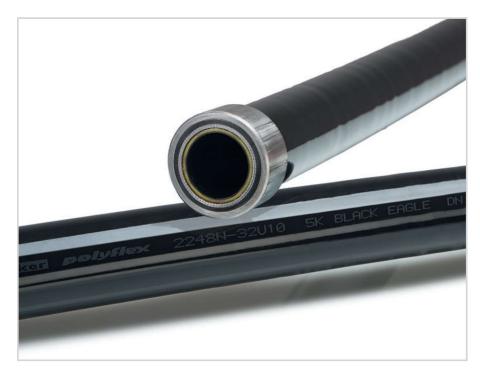








Polyflex Black Eagle Light



Benefits:

- Signifantly higher abrasion resistance than common elastomer materials longer service life and less contamination in cement slurry
- Easy visualization of core tube erosion — more efficient product inspection and reduced unscheduled downtime
- Lighter weight and smaller
 O.D. than common 4-layer
 constructions faster and
 easier deployment

MAIN FEATURES:

- PA11 Core Tube: It provides a significant higher abrasion resistance than common elastomer materials for longer service life and less contamination in cement slurry
- Core Tube with Inner ColorGard™: It increases product safety and reduces unscheduled downtimes by an easy visualization of core tube erosion
- Reinforced with 2 layers of steel wire: It offers a smaller OD and lower weight than common 4-layer constructions for a faster and easier deployment
- 2" ID hose construction with 3,000psi and 5,000psi working pressure: It provides the most common size and pressure rating in cementing to cover most of market demand

CONSTRUCTION:

Core Tube Reinforcement Cover PA 11 with Inner ColorGard™ 2 layers of high tensile steel wire

Cover

Polyurethane

TEMPERATURE RANGE:

-40°C up to +100°C / -40°F up to 212°F

SIZES AND DATA:

| Part Number | DN size mm inch | | | mm inch | | Max. Working Pressure MPa psi | | Min. Burst Pressure MPa psi | | Min. Bend Radius mm inch | | Weight kg/m lbs/ft | | Design factor | |
|-------------|-----------------|-----|----|---------|------|-------------------------------------|------|-----------------------------------|------|--------------------------------|-----|-----------------------|-----|------------------|-----|
| # | | 0 | | 0 | | \bigcirc | | | | \mathcal{A} | | | | | |
| 2240N-32V10 | 50 | -32 | 51 | 2 | 68.5 | 2.7 | 20.7 | 3,000 | 82.7 | 12,000 | 500 | 19.7 | 4.4 | 2.96 | 4 |
| 2248N-32V10 | 50 | -32 | 51 | 2 | 68.5 | 2.7 | 34.5 | 5,000 | 86.2 | 12,500 | 500 | 19.7 | 4.4 | 2.96 | 2.5 |

