



# Black Eagle Light Product Manual



ENGINEERING YOUR SUCCESS.

# Polyflex Black Eagle Light



## Benefits:

- Significantly 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:

<b>Core Tube</b>	<b>PA 11 with Inner ColorGard™</b>
<b>Reinforcement</b>	<b>2 layers of high tensile steel wire</b>
<b>Cover</b>	<b>Polyurethane</b>

## 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
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