

3.4 Hose specifications

2" – 3,000 psi **Black Eagle** Light Hose with inner ColorGard™
2240N-32V10



CONSTRUCTION	Core tube	: PA11 with inner ColorGard™
	Pressure reinforcement	: 2 layers of high tensile steel wire
	Cover	: Extra thick TPU sheath
	Colour	: Black

TEMPERATURE RANGE	-40°C up to +100°C / -40°F up to 212°F
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MAX. LENGTH	1,000 m
	For longer length requests please contact Polyflex Division

CERTIFICATES	DNVGL Type Approval TAD00000CA (see chapter 4)
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ID		OD		Max. working pressure		Test pressure		Min. burst pressure		Min. bend radius		Weight		Collapse pressure	
mm	inch	mm	inch	MPa	psi	MPa	psi	MPa	psi	mm	inch	kg/m	lbs/ft	MPa	psi
51	2	68.5	2.70	20.7	3,000	31.1	4,500	82.7	12,000	500	19.7	4.4	2.96	3.8	550

Available steel and stainless steel fitting (not suitable for subsea):

1502 Hammerlug union male Material: special steel, zinc plated

Part no.	Thread size	A		B		Working pressure		
		mm	inch	mm	inch	MPa	psi	
1HES6-32-32-FLAT	4 1/8"-3 ACME	207	8.15	113.0	4.45	103.5	15,000	

1502 Hammerlug union female Material: special steel, zinc plated

Part no.	Thread size	A		B		Working pressure		
		mm	inch	mm	inch	MPa	psi	
1HNS6-32-32	4 1/8"-3 ACME	190	7.50	94.4	3.80	103.5	15,000	

1502 Hammerlug union male Material: Special Steel and Stainless Steel Materials

Part no.	Thread size	A		B		Working pressure		
		mm	inch	mm	inch	MPa	psi	
1HES6-32-32-FLAT-SC	4 1/8"-3 ACME	207.0	8.15	113.0	4.45	103.5	15,000	

1502 Hammerlug union female Material: Special Steel and Stainless Steel Materials

Part no.	Thread size	A		B		Working pressure		
		mm	inch	mm	inch	MPa	psi	
1HNS6-32-32-SC	4 1/8"-3 ACME	190.0	7.50	94.4	3.80	103.5	15,000	

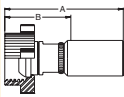
2" – 3,000 psi **Black Eagle** Light Hose with inner ColorGard™
2240N-32V10



Available Subsea Fittings:

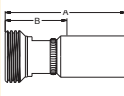
1502 Hammerlug union male

Material: Special Steel and Stainless Steel Materials

Part no.	Thread size	A		B		Working pressure		
		mm	inch	mm	inch	MPa	psi	
1HES6-32-32-FLAT-SUBSEA *	4 1/8"-3 ACME	207.0	8.15	113	4.45	103.5	15,000	

1502 Hammerlug union female

Material: Special Steel and Stainless Steel Materials

Part no.	Thread size	A		B		Working pressure		
		mm	inch	mm	inch	MPa	psi	
1HNS6-32-32-SUBSEA *	4 1/8"-3 ACME	190.0	7.50	96	3.80	103.5	15,000	

* Material Certificates available on request.

2" – 5,000 psi **Black Eagle** Light Hose with inner ColorGard™
2248N-32V10



CONSTRUCTION **Core tube** : PA11 with inner ColorGard™
 Pressure reinforcement : 2 layers of high tensile steel wire

Cover : Extra thick TPU sheath
Colour : Black

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

MAX. LENGTH 1,000 m
 For longer length requests please contact Polyflex Division

CERTIFICATES DNVGL Type Approval TAD00000CA (see chapter 4)

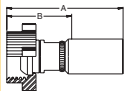
2248N-32V10

ID		OD		Max. working pressure		Test pressure		Min. burst pressure		Min. bend radius		Weight		Collapse pressure	
mm	inch	mm	inch	MPa	psi	MPa	psi	MPa	psi	mm	inch	kg/m	lbs/ft	MPa	psi
51	2	68.5	2.70	34.5	5,000	51.8	7,500	86.2	12,500	500	19.7	4.4	2.96	3.8	550

Available steel and stainless steel fitting (not suitable for subsea):

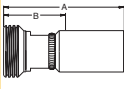
1502 Hammerlug union male

Material: special steel, zinc plated

Part no.	Thread size	A		B		Working pressure		
		mm	inch	mm	inch	MPa	psi	
1HES6-32-32-FLAT	4 1/8"-3 ACME	207	8.15	113	4.45	103.5	15,000	

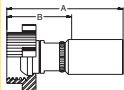
1502 Hammerlug union female

Material: special steel, zinc plated

Part no.	Thread size	A		B		Working pressure		
		mm	inch	mm	inch	MPa	psi	
1HNS6-32-32	4 1/8"-3 ACME	190	7.50	96	3.80	103.5	15,000	

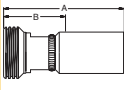
1502 Hammerlug union male

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Part no.	Thread size	A		B		Working pressure		
		mm	inch	mm	inch	MPa	psi	
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1502 Hammerlug union female

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1HNS6-32-32-SC	4 1/8"-3 ACME	190	7.50	96	3.80	103.5	15,000	

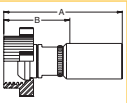
2" – 5,000 psi **Black Eagle** Light Hose with inner ColorGard™
2248N-32V10



Available Subsea Fittings:

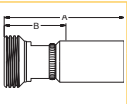
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Material: Special Steel and Stainless Steel Materials

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