



UTILITY ROPE SELECTION GUIDE



Powered by:
Pelican Rope
The Most Trusted Name in Rope

Standard Polyester Double Braid

1A - Manufactured by  Pelican Rope Works®

Pelican Rope's highly versatile standard polyester double braid rope combines low stretch with high strength, offering dependability and unsurpassed resistance to abrasion, sunlight, and common chemicals. It has a melting point between 489-500°F and experiences a loss of strength between 244-250°F.

Features & Benefits

- ⚙️ Economical: exceeds expectations while staying in budget.
- ⚙️ Abrasion Resistant: Long-lasting durability
- ⚙️ High Strength: Robust build to handle heavy loads.
- ⚙️ Easy to Splice: Simplifies repairs and adjustments.
- ⚙️ Low Stretch: Maintains stability and tension.
- ⚙️ Torque Free: Ensures smooth handling and operation.
- ⚙️ Polyester cover and polyester core

Ideal For



Cable Pulling



Rigging



Mining



Stringing

Optional Pelican Tuff Coating Standard Colors:

Yellow, Red, Blue, Green, Orange

PN	Diameter (inches)	Weight /100FT	MBS (lbs)
1A-080	1/4"	2.1	2,400
1A-100	5/16"	3	3,600
1A-120	3/8"	5	4,800
1A-140	7/16"	6.4	6,300
1A-160	1/2"	8	8,400
1A-180	9/16"	10.2	10,750
1A-200	5/8"	13.7	12,300
1A-240	3/4"	18.3	17,400
1A-280	7/8"	25.5	24,000
1A-320	1"	33.2	31,200
1A-360	1-1/8"	43.8	41,700
1A-400	1-1/4"	53.1	48,000
1A-440	1-5/16"	59.3	53,000
1A-480	1-1/2"	74.6	64,000
1A-520	1-5/8"	87	78,000
1A-560	1-3/4"	103	89,000
1A-640	2"	129	110,000
1A-680	2-1/8"	148	124,000
1A-720	2-1/4"	171	140,000
1A-800	2-1/2"	202	170,000



Pelican Tuff urethane coating available upon request.

Krypton-H™ Double-Braided HMPE Rope

5H - Manufactured by  Pelican Rope Works®

Krypton-H™ is a high-performance double braided rope featuring a 100% polyester braided cover and a 100% HMPE (High Modulus Polyethylene) braided inner core. This construction ensures minimal stretch and an outstanding strength-to-weight ratio, making it ideal for a wide range of applications in the marine, industrial, and commercial sectors.

The double braided polyester cover offers outstanding resistance to a broad spectrum of chemicals, including most minerals, organics, acids, and weak alkalis. The HMPE core, being pound-for-pound 7-10 times stronger than steel, enables the use of thinner ropes without sacrificing strength, resulting in more rope per spool and significantly lighter weight, facilitating easier handling and transportation. Krypton-H™ also excels in cold environments.

Features & Benefits

- Cover: Polyester
- Core: Low-Stretch HMPE (High Modulus Polyethylene)
- Outstanding Wire Rope Replacement
- Excellent Abrasion Resistance
- UV Resistant Cover
- Very High Strength
- Reduced Backlash

Ideal For



Marine



Cable
Pulling



Rigging

Available Enhancements

- Pelican Tuff™ Urethane Coating
- Professionally Hand-Spliced Eyes
- Chafe Master™ Chafe Guard
- Upgrade Polyester Cover to 100% HMPE

SKU	DIAMETER (INCHES)	MBS	ABS	WEIGHT/100' (LBS)
5H-0804	1/4	4950	5500	2.2
5H-1004	5/16	8640	9600	3.5
5H-1204	3/8	11340	12600	4.1
5H-1404	7/16	13680	15200	6.1
5H-1604	1/2	19450	21150	8.6
5H-1804	9/16	25950	27950	10.0
5H-2004	5/8	32950	36850	12.6
5H-2404	3/4	42050	47150	16.0
5H-2804	7/8	59950	65750	24.8
5H-3204	1	70050	76850	29.7
5H-3604	1-1/8	88950	100150	37.0
5H-4004	1-1/4	103950	117850	42.6





12-Strand Single Braid Polyester Rope

7PE - Manufactured by Pelican Rope Works®

This versatile high tenacity rope offers the lowest stretch of all polyester ropes. The quality of construction provides a torque-free rope, eliminating kinks and hockles. 12-strand single braids provide easy in-the-field splicing for greater reduction of downtime and have a melting point between 489-500°F with a loss of strength between 244-250°F.

Features & Benefits

- Abrasion Resistance
- Easy to Splice
- Torque-Free
- Low-Stretch
- Good Flex Fatigue
- Pelican Tuff urethane coating available upon request
- Available by the mile
- Eye Option: Spliced (SE)

Ideal For



Distribution and Transmission



Rigging



Towing



Utility

Optional Pelican Tuff™ Coating Colors



Red



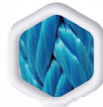
Orange



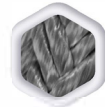
Yellow



Green



Blue



Gray



Black

SKU	Diameter	Tensile Strength (lb)	Weight Per 100FT (lb)
7PE-080	1/4"	3,200	1.9
7PE-100	5/16"	4,700	3
7PE-120	3/8"	6,100	4.1
7PE-140	7/16"	9,000	6.7
7PE-160	1/2"	12,500	8.3
7PE-200	5/8"	18,000	12
7PE-240	3/4"	24,000	16.8
7PE-280	7/8"	34,000	22
7PE-320	1"	40,000	28



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STATIC MASTER II™ Static Kernmantle Climbing Line

2WP2 - Manufactured by Pelican Rope Works®

The ultimate static rope, delivering unmatched strength - 40kN MBS at 11 mm - and remarkably smooth handling. The Static Master II is made with a unique 32-strand construction, giving it more flexibility than the original Static Master™. This smooth rope cover provides reduced drag through climbing gear, for faster ascending and finer control while descending. Engineered for superior performance, this rope is ideal for professional climbers and rescue operations requiring precision and reliability. Its enhanced flexibility ensures better handling and maneuverability, making it a preferred choice for challenging environments.

Features & Benefits

- Reduced Drag for Faster Ascent
- Descending with Fine Control
- Unique, Two-Strand Design
- Smooth Rolling in Pulleys
- High Abrasion Resistance
- UV Resistant
- Easy to Handle
- Cover: Polyester | Core: Nylon
- Eye Option: Sewn (SNE)
- Meets ANSI/ASSP Z359.15 (Safety Standard for Single Anchor Lifelines and Fall Arresters)
- Meets ANSI Z133 (Safety Standard for Arborist Climbing and Safety)

Ideal For



Arborist



Rope Access



Rappelling



Safety & Rescue

Standard Colors

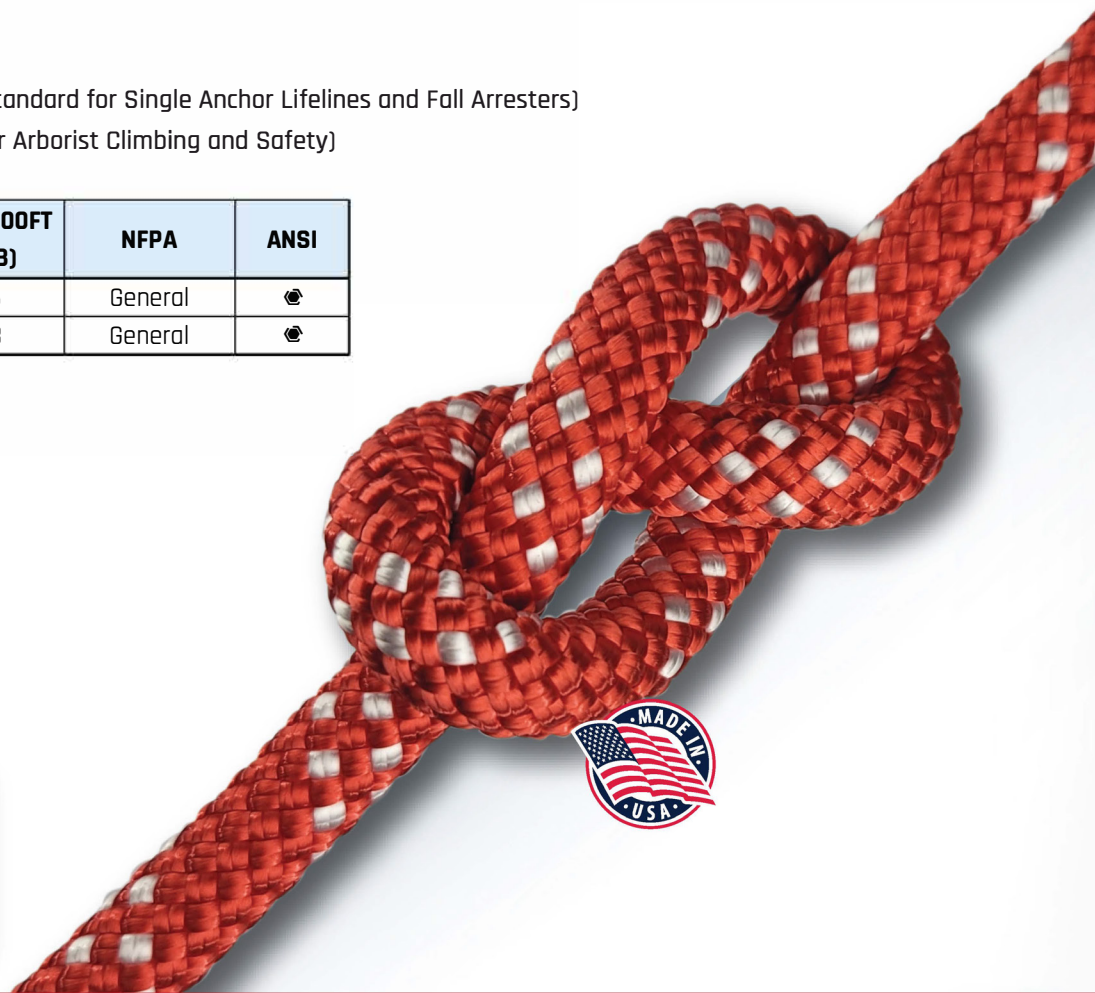
- Black
- Blue
- Lime
- Orange
- White

SKU	Ø (IN)	MBS (LB)	WT./ 100FT (LB)	NFPA	ANSI
2WP2-14	7/16"	9,000	6	General	●
2WP2-16	1/2"	9,500	8	General	●



SMALL DIAMETER. BIG STRENGTH

With a diameter of just 7/16", Pelican Rope's Static Master II™ punches above its weight with an impressive MBS of 40kN, meeting the stringent NFPA G, General Rescue rope rating.



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12-Strand HMPE Synthetic Rope

7H - Manufactured by Pelican Rope Works®

If you need a rope that stands up to demanding conditions with unmatched durability and high performance, Pelican Rope's H-12, 12-Strand HMPE Synthetic Rope is your solution. Naturally hydrophobic, it repels water, ensuring longevity without degradation or corrosion. While its performance in wet conditions is exceptional, the H-12's utility goes beyond marine applications, proving to be especially valuable for overhead pulling and lifting tasks, including power utility for transmission pulling lines. This rope boasts superior chemical and abrasion resistance, as well as excellent flex fatigue endurance, making it a versatile choice for numerous applications from utility to construction.

Features & Benefits

- Single Braid HMPE (High Modulus Polyethylene)
- Hydrophobic, ensuring no water absorption or corrosion
- Superior abrasion resistance with Pelican Tuff™ polyurethane coating
- Excellent flex fatigue endurance
- Exceptional low-temperature performance, with a melting point at 300°F and strength maintained until 150°F

Ideal For



Marine



Rigging



Distribution/
Transmission



Recovery



Offshore

Configurations

SKU	Dia.	MBS (lbs.)	ABS (lbs.)	WT/100FT (lbs.)
7H-040	1/8"	2,500	2,778	0.5
7H-060	3/16"	5,000	5,556	1
7H-080	1/4"	7,900	8,778	1.4
7H-100	5/16"	12,500	13,889	2.2
7H-120	3/8"	17,700	19,667	3.1
7H-140	7/16"	21,500	23,889	4.3
7H-160	1/2"	30,750	34,167	6.8
7H-180	9/16"	36,800	40,889	7.5
7H-200	5/8"	48,000	53,333	11
7H-240	3/4"	58,500	65,000	13.3
7H-280	7/8"	82,000	91,111	20
7H-320	1"	99,000	110,000	22
7H-360	1-1/8"	133,000	147,778	32
7H-400	1-1/4"	154,800	172,000	36
7H-420	1-5/16"	167,000	185,556	42
7H-460	1-3/8"	185,000	205,556	45
7H-480	1-1/2"	205,000	227,778	52

Available Pelican Tuff™ Coating Colors



Red



Orange



Yellow



Green



Blue



Gray



Black



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LOAD PRO™ Double Braid Polyester

1AP - Manufactured by Pelican Rope Works®

Designed for use in cable pulling, the highly versatile LOAD PRO combines low-stretch with high-strength. This double braid load line also offers dependability and unsurpassed wet resistance to abrasion. Our optional urethane coating penetrates the fibers of the outer cover, providing additional protection to the inner core, while increasing abrasion resistance.

Features & Benefits

- Balanced Core & Cover Design
- Abrasion Resistant
- High Strength
- Torque-Free
- Chafe Guard
- Low Stretch
- Cover: Polyester | Core: Polyester
- Eye Option: Spliced Eye (SE)

Ideal For



Cable Pulling



Distribution & Transmission



Stringing



Winching



Lifting

SKU	Ø (in)	MBS (lbs)
1AP-120	3/8"	5,000
1AP-140	7/16"	7,500
1AP-160	1/2"	11,000
1AP-180	9/16"	14,000
1AP-200	5/8"	16,500
1AP-240	3/4"	21,000
1AP-280	7/8"	30,000
1AP-320	1"	39,000
1AP-360	1-1/8"	45,000
1AP-400	1-1/4"	52,000
1AP-480	1-1/2"	68,000
1AP-560	1-3/4"	96,000
1AP-640	2"	114,000
1AP-720	2-1/4"	141,000
1AP-800	2-1/2"	170,000



*The #1 Load Rope
in the U.S.A.*

MIL-SPEC MIL-DTL-24677B Available



Spools include a 6" eye splice each end with chafe guard.
Optional Pelican Tuff Coating available in standard colors:
Yellow, Red, Blue, Green, and Orange



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