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**HEAVY MARINE
FISHING & BOATING
Rope Catalog**

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Three Easy Ways to Order

Call: 1-800-292-7717

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For over 60 years, Continental Western Corporation has provided customers quality products, timely delivery and outstanding customer service. To better serve your needs and become your one-stop industrial marine supplier, CWC is proud to offer our **Heavy Marine, Fishing & Boating Rope Catalog**.

CWC has carefully selected the products in this catalog to ensure the highest value possible. Each item was chosen for its performance and durability. CWC continues to deliver the highest level of quality in the industry.

We take pride in the accurate and timely deliveries of our orders. CWC maintains substantial inventories at all our warehouse locations. This enables us to begin the shipping process as soon as we receive your order. This means you can stock less, and depend more upon CWC to ship goods only when you need them.

CWC has a highly trained and knowledgeable sales staff, ready to serve you for all of your marine and fishing rope needs.



CWC BLUE STEEL™ Floating Crab Rope

Exclusive to CWC, this durable 3-strand copolymer fiber rope offers excellent resistance to UV light, abrasion, rot, oil and common chemicals. 35-40% stronger than polypropylene crab rope, with less stretch.

Features:

- Hard lay, high-strength copolymer fibers
- Non-rotating construction
- Great abrasion resistance

Item #	Dimensions	Description	Tensile	Weight
415302	5/16" x 600'	Teal - Dk Blue Tracer	2650 lbs	18 lbs
415300	5/16" x 1200'	Teal - Dk Blue Tracer	2650 lbs	36 lbs
415303	3/8" x 600'	Teal - Dk Blue Tracer	3740 lbs	23 lbs
415305	3/8" x 1200'	Teal - Dk Blue Tracer	3740 lbs	46 lbs
415310	7/16" x 1200'	Teal - Dk Blue Tracer	4730 lbs	60 lbs
415315	1/2" x 1200'	Teal - Dk Blue Tracer	6160 lbs	77 lbs
415306	9/16" x 1200'	Teal - Dk Blue Tracer	7850 lbs	100 lbs
415307	9/16" x 1200'	Teal - Dk Blue Tracer	7850 lbs	100 lbs
415312	5/8" x 1200'	Teal - Dk Blue Tracer	9970 lbs	125 lbs
415316	3/4" x 1200'	Teal - Dk Blue Tracer	12700 lbs	158 lbs



SILVER PACIFIC™ Floating Crab Rope

SILVER PACIFIC™ floating crab rope is made from hard-lay, high-strength copolymer fibers. This versatile rope offers excellent abrasion resistance and low stretch. Built to withstand rot, mildew and many common chemicals.

Features:

- Super strong co-extrusion polyolefin
- Flexible non-rotating construction
- Excellent abrasion resistance

Item #	Dimensions	Description	Tensile	Weight
415005	5/16" x 1200'	Silver - Blu & Blk Tracers	2740 lbs	32 lbs
415010	3/8" x 1200'	Silver - Blu & Blk Tracers	3470 lbs	42 lbs
415015	7/16" x 1200'	Silver - Blu & Blk Tracers	4530 lbs	57 lbs
415020	1/2" x 1200'	Silver - Blu & Blk Tracers	5880 lbs	73 lbs
415022	9/16" x 1200'	Silver - Blu & Blk Tracers	6840 lbs	86 lbs



CWC Steel Pro™ Floating Crab Rope

STEEL PRO™ copolymer crab rope delivers outstanding tensile strength. It floats, and features good resistance to abrasions, rot, mildew and many common chemicals.

Item #	Dimensions	Description	Tensile	Weight
310305	3/8" x 1200'	Lavender - Org Tracer	3686 lbs	42 lbs
310310	1/2" x 1200'	Lavender - Org Tracer	4530 lbs	57 lbs



CWC SuperTEC® Floating Crab Rope

Manufactured using new copolymer technology, this rope is 10% stronger than other crab ropes of the same diameter. It offers excellent resistance to abrasion, marine growth, rot, and many common chemicals.

Item #	Dimensions	Description	Tensile	Weight
415269	3/8" x 1200'	Aqua - 2 Blu Tracers	4200 lbs	46 lbs
415304	3/8" x 1200'	Orange	4200 lbs	46 lbs
415271	7/16" x 1200'	Aqua - 2 Blu Tracers	5300 lbs	60 lbs
415311	7/16" x 1200'	Orange	5300 lbs	60 lbs
415272	1/2" x 1200'	Aqua - 2 Blu Tracers	7000 lbs	77 lbs
415277	9/16" x 1200'	Aqua - 2 Blu Tracers	8800 lbs	100 lbs
415278	5/8" x 1200'	Aqua - 2 Blu Tracers	11300 lbs	125 lbs
415268	3/4" x 1200'	Aqua - 2 Blu Tracers	8800 lbs	100 lbs



CWC SuperTEC PLUS® Slow-Sinking Crab Rope

CWC SuperTEC PLUS™ crab rope delivers neutral buoyancy, high-strength, low stretch and excellent resistance to abrasion, marine growth, rot and many common chemicals.

Item #	Dimensions	Description	Tensile	Weight
415265	3/8" x 1200'	Orange - Wht Tracer	3025 lbs	52 lbs
415266	7/16" x 1200'	Orange - Wht Tracer	3795 lbs	63 lbs
415267	1/2" x 1200'	Orange - Wht Tracer	5800 lbs	87 lbs
415275	5/8" x 1200'	Orange - Wht Tracer	6860 lbs	140 lbs



CWC SuperTEC® Combo Sinking Crab Line

CWC SuperTEC™ Combo sinking crab rope delivers outstanding strength and excellent resistance to abrasion, marine growth, rot and many common chemicals.

Item #	Dimensions	Description	Tensile	Weight
415270	3/8" x 1200'	Lt Blue - Org Tracers	3718 lbs	59 lbs
415513	7/16" x 1200'	Lt Blue - Org Tracers	3980 lbs	68 lbs
415514	1/2" x 1200'	Lt Blue - Org Tracers	5140 lbs	87 lbs
415263	9/16" x 1200'	Lt Blue - Org Tracers	6970 lbs	118 lbs
415264	5/8" x 1200'	Lt Blue - Org Tracers	9960 lbs	168 lbs
415274	3/4" x 1200'	Lt Blue - Org Tracers	12605 lbs	213 lbs



Solid Braid Polyester Sinking Crab Rope

Flexible solid braid polyester features a very smooth surface and is one of the strongest and most durable crab ropes available.

Features:

- Superior resistance to UV & marine growth
- Withstands acid, oil and electrical discharge

Item #	Size	Dimensions	Description	Tensile	Weight
327500	#8	1/4" x 1000'	White	1023 lbs	18 lbs
327505	#9	9/32" x 1000'	White	1250 lbs	45 lbs
327510	#10	5/16" x 1000'	White	1600 lbs	27 lbs
327515	#12	3/8" x 1000'	White	2300 lbs	44 lbs



Cotton Escape Cord

Cotton escape cord (also known as rot cord) is designed for use in fishing and crab traps, so that if lost, the cord will break down and any trapped animals can escape.

Features:

- 100% biodegradable cotton
- Meets Department of Fisheries guidelines

Item #	Size	Ft/lb	Description	Weight
137160	#30	640'	100% Natural Cotton	2 lbs
137170	#60	120'	100% Natural Cotton	2 lbs
137199	#120	160'	100% Natural Cotton	2 lbs
137200	#120	160'	100% Natural Cotton	5 lbs



CWC Leaded Rope

CWC leaded polypropylene man line and leaded BLUE STEEL™ are crab and fishing lines that work well in marine applications that require durable, rot-proof lines that sink.

Features:

- Excellent strength and abrasion resistance
- Available in both coils and reels
- Seasonal: Ask us about availability

Coils

Item #	Dimensions	Description	Tensile	Wt
430002	5/16" x 50'	Gray - Org & Blue Tracers	1600 lbs	2 lbs
430001	5/16" x 100'	Gray - Org & Blue Tracers	1600 lbs	4 lbs
430015	5/16" x 1800'	Gray - Org & Blue Tracers	1600 lbs	48 lbs
430215	5/16" x 1800'	BLUE STEEL Leaded	3012 lbs	48 lbs
430018	11/32" x 1800'	Gray - Org & Blue Tracers	2100 lbs	65 lbs
430020	3/8" x 600'	Gray - Org & Blue Tracers	2600 lbs	25 lbs
430025	3/8" x 1800'	Gray - Org & Blue Tracers	2600 lbs	75 lbs
430125	3/8" x 1800'	BLUE STEEL Leaded	3724 lbs	75 lbs
430030	7/16" x 1800'	Gray - Org & Blue Tracers	3630 lbs	106 lbs

Reels

Item #	Dimensions	Description	Tensile	Wt
430004	1/4" x 600'	Silver - Org & Blue Tracers	810 lbs	11 lbs
430005	5/16" x 400'	Silver - Org & Blue Tracers	1600 lbs	12 lbs
430010	5/16" x 600'	Silver - Org & Blue Tracers	1600 lbs	18 lbs
430021	3/8" x 600'	Silver - Org & Blue Tracers	2600 lbs	25 lbs



Sinking Lobster Rope

CWC sinking lobster rope offers high tensile strength and great resistance to abrasion, rot, marine growth and common chemicals.

Features:

- Excellent strength and abrasion resistance
- Hard lay, high-strength.

Item #	Dimensions	Description	Tensile	Weight
403120	5/16" x 1800'	Ice Blue™ Combo	2215 lbs	45 lbs
403135	11/32" x 1800'	Ice Blue™ Combo	2821 lbs	79 lbs
403110	3/8" x 1200'	Ice Blue™ Combo	3470 lbs	46 lbs
403125	7/16" x 1200'	Ice Blue™ Combo	4530 lbs	65 lbs
310025	1/2" x 1200'	Steel Pro™ Sinking	5880 lbs	79 lbs



Oyster Rope

CWC polypropylene oyster rope features a plied yarn construction and proprietary formulation and twist. Used for seeding in oyster farming operations. Rope offers good strength and resistance to abrasion, UV, rot and common chemicals.

Features:

- High-strength, flexible construction
- Proprietary formulation and twist

Item #	Dimensions	Description	Tensile	Weight
300041	1/4" x 1200'	Yellow	1125 lbs	15 lbs
300043	1/4" x 1200'	Black	1125 lbs	15 lbs
300061	5/16" x 1200'	Yellow	1710 lbs	22 lbs



Polyester Longline

Braided polyester longline cord for longline fishing and other low stretch fishing and marine applications.

Features:

- Traditional favorite of Hawaiian fishermen
- Available in firm lay or soft construction
- Good abrasion resistance & low elongation

Firm Lay

Item #	Dimensions	Type	Color	Tensile	Weight
503070	0.045" x 500 yd	Firm Lay	Gray	80 lbs	3 lbs
503075	0.075" x 500 yd	Firm Lay	Gray	140 lbs	4 lbs
503080	0.085" x 500 yd	Firm Lay	Gray	185 lbs	4 lbs
503085	0.095" x 500 yd	Firm Lay	Gray	250 lbs	4 lbs
503095	0.110" x 500 yd	Firm Lay	Gray	350 lbs	5 lbs
503105	0.125" x 500 yd	Firm Lay	Gray	450 lbs	6 lbs
503110	0.140" x 500 yd	Firm Lay	Gray	650 lbs	10 lbs
503115	0.155" x 500 yd	Firm Lay	Gray	800 lbs	11 lbs

Soft Lay

Gray	Red	Dimensions	Type	Tensile	Weight
503076	503077	0.075" x 500 yd	Soft Lay	140 lbs	2 lbs
503082	503083	0.085" x 500 yd	Soft Lay	185 lbs	2 lbs
503086	503087	0.095" x 500 yd	Soft Lay	250 lbs	4 lbs
503096	503097	0.110" x 500 yd	Soft Lay	350 lbs	4 lbs
503106	503107	0.125" x 500 yd	Soft Lay	450 lbs	6 lbs
503111	503112	0.140" x 500 yd	Soft Lay	650 lbs	9 lbs
503116	503113	0.155" x 500 yd	Soft Lay	800 lbs	10 lbs



CWC BLUE STEEL™ Purse Lines

CWC BLUE STEEL™ 12 strand purse lines are designed to support fishing nets. These lines feature torque-free construction that will not kink, hockle or flatten out. Splices easily.

Features:

- Excellent strength and abrasion resistance
- Seasonal: Check for availability

Item #	Dimensions	Description	Tensile	Wt
353301	3/4" x 1050'	Teal - Blu Tracers - EEE	17500 lbs	131 lbs
353326	3/4" x 1080'	Teal - Blu Tracers - EEE	17500 lbs	135 lbs
353338	3/4" x 1110'	Teal - Blu Tracers - EEE	17500 lbs	139 lbs
353327	3/4" x 1200'	Teal - Blu Tracers - EEE	17500 lbs	150 lbs
353309	7/8" x 900'	Teal - Blu Tracers - EEE	23300 lbs	153 lbs
353329	7/8" x 1080'	Teal - Blu Tracers - EEE	23300 lbs	184 lbs
353331	7/8" x 1110'	Teal - Blu Tracers - EEE	23300 lbs	189 lbs
353333	7/8" x 1200'	Teal - Blu Tracers - EEE	23300 lbs	204 lbs
353336	7/8" x 1230'	Teal - Blu Tracers - EEE	23300 lbs	209 lbs
353302	3/4" x 900'	Teal - Blu Tracers - EEE	27700 lbs	82 lbs
353303	1" x 900'	Teal - Blu Tracers - EEE	27700 lbs	151 lbs
353332	1" x 840'	Teal - Blu Tracers - EEE	27700 lbs	163 lbs
353340	1" x 1200'	Teal - Blu Tracers - EEE	27700 lbs	233 lbs
353339	1" x 1230'	Teal - Blu Tracers - EEE	27700 lbs	239 lbs
353341	1" x 2400'	Teal - Blu Tracers - EEE	27700 lbs	466 lbs
353335	1-1/8" x 870'	Teal - Blu Tracers - EEE	36900 lbs	254 lbs



Chafing Gear

Bulky and loosely twisted polyethylene fiber rope, constructed to help protect fish netting and valuable gear from wear and abrasion during vessel operation.

Features:

- Flexible construction
- Good abrasion resistance

Item #	Diameter	Description	Weight
302107	1"	100% polyethylene - Multicolor	50 lbs
302106	1"	100% polyethylene - Multicolor	100 lbs



Nylon Cork Line

Designed for large-scale fishing operations, this shock-absorbent, 3-strand twisted nylon rope offers all the benefits of standard nylon, with a firmer construction needed for marine applications. Floats not included.

Features:

- Firm-lay construction
- Supports industrial fishing nets

Item #	Dimensions	Description	Tensile	Weight
315163	1-1/4" x 600'	White	34830 lbs	238 lbs
315202	1-1/2" x 600'	White	48600 lbs	342 lbs
315161	1-5/8" x 600'	White	57375 lbs	404 lbs
315164	1-3/4" x 600'	White	66150 lbs	468 lbs
315221	2" x 600'	White	84600 lbs	600 lbs



Mooring Line & 8 Braid



Super Dyna I

8 Braid Mooring Line

CWC offers a full selection of high-strength synthetic mooring lines. These non-torquing ropes are designed to exhibit excellent resistance to rot, mildew, marine growth, UV, abrasion and most common chemicals.

Features:

- Spliced eye on each end
- Protective jackets available

Item #	Dimensions	Description	Tensile	Weight
403645	1-5/8" x 720'	Blue - EEE	43000 lbs	284 lbs
403647	2" x 720'	Blue - EEE	64000 lbs	410 lbs
403652	2-1/4" x 720'	Blue - EEE	88000 lbs	547 lbs
403655	2-1/2" x 720'	Blue - EEE	100000 lbs	630 lbs
403662	2-5/8" x 720'	Blue - EEE	115000 lbs	732 lbs
403665	3" x 720'	Blue - EEE	146000 lbs	937 lbs
403670	3-1/4" x 720'	Blue - EEE	175000 lbs	1140 lbs
403675	4" x 720'	Blue - EEE	235900 lbs	1587 lbs

Super Dyna II - 8 Braid Mooring Line

Item #	Dimensions	Description	Tensile	Weight
403506	2-1/2" x 720'	Blue - EEE	91500 lbs	518 lbs
403507	2-5/8" x 720'	Blue - EEE	103500 lbs	596 lbs
403508	3" x 720'	Blue - EEE	135000 lbs	778 lbs
403509	3-1/4" x 720'	Blue - EEE	171000 lbs	991 lbs

HS Super Dan - 8 Braid Mooring Line

Item #	Dimensions	Description	Tensile	Weight
400223	2-5/8" x 720'	Wht - Org & Blu Tracer	143000 lbs	895 lbs
400232	3" x 720'	Wht - Org & Blu Tracer	181000 lbs	1132 lbs
400236	3-1/4" x 720'	Wht - Org & Blu Tracer	219000 lbs	1403 lbs



8 Braid CWC BLUE STEEL™

8 braid BLUE STEEL™ rope is one of the highest-strength, braided copolymer ropes in the market today. A staple of the marine and pleasure craft market, the high-tenacity UV-resistant polyolefin yarn construction offers easy handling and excellent resistance to most common chemicals, mildew, marine growth, petroleum products and rot.

Features:

- 30-40% stronger than comparable polypro
- Rope floats and will not absorb water.
- Low stretch, easy to handle and splice

Item #	Dimensions	Description	Tensile	Weight
402118	1" x 600'	Teal - Dk Blue Tracer	22800 lbs	105 lbs
402123	1-1/8" x 600'	Teal - Dk Blue Tracer	30305 lbs	143 lbs
402130	1-1/4" x 600'	Teal - Dk Blue Tracer	34200 lbs	162 lbs
402137	1-1/2" x 600'	Teal - Dk Blue Tracer	48165 lbs	233 lbs
402141	1-5/8" x 600'	Teal - Dk Blue Tracer	59375 lbs	287 lbs
402146	1-3/4" x 600'	Teal - Dk Blue Tracer	70965 lbs	354 lbs
402155	2" x 600'	Teal - Dk Blue Tracer	86830 lbs	433 lbs
402165	2-1/4" x 600'	Teal - Dk Blue Tracer	114570 lbs	586 lbs
402180	2-1/2" x 600'	Teal - Dk Blue Tracer	130910 lbs	672 lbs
402188	2-5/8" x 600'	Teal - Dk Blue Tracer	147250 lbs	762 lbs
402200	3" x 600'	Teal - Dk Blue Tracer	187245 lbs	962 lbs
402210	3-1/4" x 600'	Teal - Dk Blue Tracer	226670 lbs	1188 lbs
402225	4" x 600'	Teal - Dk Blue Tracer	319770 lbs	1699 lbs



8 Braid ICE BLUE™ COMBO

Made with high-tenacity BLUE STEEL™ and polyester, ICE BLUE's 0.99 specific gravity construction allows this rope to float just under the surface of the water, making it great for mooring line, tow line, or barge lines.

Features:

- Hovers near the water's surface
- High-strength, low-stretch

Item #	Dimensions	Description	Tensile	Weight
403420	1-1/2" x 600'	Teal	55480 lbs	299 lbs
403425	1-3/4" x 600'	Teal	79610 lbs	423 lbs
403430	2" x 600'	Teal	92150 lbs	531 lbs
403432	2-1/4" x 600'	Teal	123595 lbs	722 lbs
403440	2-1/2" x 600'	Teal	140315 lbs	808 lbs
403450	3" x 600'	Teal	178400 lbs	1145 lbs



8 Braid CWC SuperTEC®

CWC's SuperTEC® is one of the strongest polyolefin ropes available. For the same break strength, a smaller diameter can replace standard polypro rope, saving both space and money. This rope is highly resistant to abrasion, easy to handle, floats and does not absorb water.

Features:

- 23% stronger than high-tenacity polypro
- 50-60% stronger than standard polypro
- Will not absorb water.
- Low stretch, easy to handle and splice

Item #	Dimensions	Description	Tensile	Weight
402191	1" x 1200'	Lt Blu - Navy Tracers	32400 lbs	233 lbs
402193	1-1/8" x 1200'	Lt Blu - Navy Tracers	43100 lbs	318 lbs
402190	1-1/8" x 3600'	Lt Blu - Navy Tracers	43100 lbs	954 lbs
402196	1-1/4" x 1200'	Lt Blu - Navy Tracers	48500 lbs	363 lbs
402197	1-1/2" x 600'	Lt Blu - Navy Tracers	68500 lbs	259 lbs
402280	1-5/8" x 600'	Lt Blu - Navy Tracers	84500 lbs	319 lbs
402198	1-3/4" x 600'	Lt Blu - Navy Tracers	100900 lbs	393 lbs
402157	2" x 600'	Lt Blu - Navy Tracers	123600 lbs	482 lbs
402199	2-1/8" x 600'	Lt Blu - Navy Tracers	142400 lbs	561 lbs
402201	2 1/8" x 720'	Lt Blu - Navy Tracers - EEE	142400 lbs	674 lbs
402192	2-1/2" x 600'	Lt Blu - Navy Tracers	186300 lbs	747 lbs



8 Braid Poly-Dac

CWC 8 braid Poly-Dac offers a polyester yarn over monofilament polypro core yarn construction. Excellent abrasion and UV resistance, low stretch and excellent wear. Great resistance to mildew, rot, oil, grease and many common chemicals.

Features:

- Acid and alkali resistant
- Does not float
- Low stretch, easy to handle and splice

Item #	Dimensions	Description	Tensile	Weight
406245	2-1/4" x 720'	White - 6' CCEEE	69000 lbs	674 lbs
325188	2-1/2" x 600'	White	80000 lbs	648 lbs
406250	2-5/8" x 720'	White - 6' CCEEE	90000 lbs	868 lbs
406260	3" x 720'	White - 6' CCEEE	114000 lbs	1095 lbs
406265	3-1/4" x 720'	White - 6' CCEEE	137000 lbs	1335 lbs



8 Braid CWC SuperTEC® Poly-Dac Combo

SuperTEC® Poly-Dac offers polyester yarns over a SuperTEC core. Great abrasion and UV resistance. This rope sinks.

Features:

- Super high-strength
- Low stretch and excellent wear

Item #	Dimensions	Description	Tensile	Weight
325148	1-5/8" x 600'	Wht - 2 Org Tracers	89200 lbs	394 lbs
325168	1-3/4" x 600'	Wht - 2 Org Tracers	105900 lbs	470 lbs
325175	2" x 600'	Wht - 2 Org Tracers	122600 lbs	591 lbs
325176	2-1/8" x 600'	Wht - 2 Org Tracers	142200 lbs	673 lbs
325189	2-1/2" x 600"	Wht - 2 Org Tracers	186700 lbs	898 lbs



8 Braid Nylon

8 braid nylon exhibits high elongation, high-strength and great shock absorption. Good resistance to abrasion. Excellent resistance to UV rays, rot, mildew, oil, grease and most common chemicals. Ropes with a diameter of 1" or larger float.

Features:

- Suited for shock loads
- Additional sizes available by request

Item #	Dimensions	Description	Tensile	Weight
409126	2" x 600'	White	92000 lbs	570 lbs
409136	3" x 600'	White	200000 lbs	1260 lbs



Dock & Anchor Line



Nylon Anchor Line

CWC nylon anchor lines can absorb sudden shock and exhibit excellent resistance to abrasion, rot, mildew, marine growth, oil and most common chemicals.

Features:

- Stainless steel thimble on one end

Item #	Dimensions	Description	Tensile	Weight
350700	3/8" x 250'	White - 3-strand	3240 lbs	12 lbs
350701	3/8" x 600'	White - 3-strand	3240 lbs	24 lbs
350705	7/16" x 300'	White - 3-strand	4320 lbs	17 lbs
350706	7/16" x 600'	White - 3-strand	4320 lbs	32 lbs
350710	1/2" x 150'	White - 3-strand	5670 lbs	12 lbs
350711	1/2" x 250'	White - 3-strand	5670 lbs	17 lbs
350715	1/2" x 300'	White - Double Braid	6525 lbs	23 lbs
350713	1/2" x 600'	White - 3-strand	5670 lbs	41 lbs
350720	5/8" x 150'	White - 3-strand	8910 lbs	17 lbs
350721	5/8" x 300'	White - 3-strand	8910 lbs	33 lbs
350722	5/8" x 600'	White - 3-strand	8910 lbs	63 lbs



Nylon Dock Line

All CWC nylon dock lines exhibit high elasticity, withstand rot, mildew and marine growth, and hold knots well. These lines are abrasion-resistant, and can be stored wet without damage to the fiber. Retail packaged.

Double Braid - White

Item #	Dimensions	Description	Tensile	Weight
350609	3/8" x 15'	White - 6" Eye	4625 lbs	1 lbs
350611	3/8" x 20'	White - 6" Eye	4625 lbs	1 lbs
350616	3/8" x 25'	White - 6" Eye	4625 lbs	1 lbs
350624	1/2" x 10'	White - 6" Eye	8156 lbs	1 lbs
350625	1/2" x 15'	White - 6" Eye	8156 lbs	1 lbs
350626	1/2" x 20'	White - 6" Eye	8156 lbs	2 lbs
350628	1/2" x 25'	White - 6" Eye	8156 lbs	2 lbs
350630	1/2" x 30'	White - 6" Eye	8156 lbs	2 lbs
350643	5/8" x 25'	White - 6" Eye	13200 lbs	3 lbs
350645	5/8" x 30'	White - 6" Eye	13200 lbs	4 lbs
350651	5/8" x 35'	White - 6" Eye	13200 lbs	4 lbs

Double Braid-Black

Item #	Dimensions	Description	Tensile	Weight
350199	3/8" x 15'	Black - 6" Eye	4625 lbs	1 lbs
350207	1/2" x 15'	Black - 6" Eye	8156 lbs	1 lbs
350209	1/2" x 20'	Black - 6" Eye	8156 lbs	2 lbs
350629	1/2" x 25'	Black - 6" Eye	8156 lbs	2 lbs
350641	5/8" x 20'	Black - 6" Eye	13200 lbs	3 lbs
350644	5/8" x 25'	Black - 6" Eye	13200 lbs	3 lbs
350646	5/8" x 30'	Black - 6" Eye	13200 lbs	4 lbs

3-Strand Twisted

Item #	Dimensions	Description	Tensile	Weight
317011	3/8" x 15'	White - 6" Eye	3240 lbs	1 lbs
317016	3/8" x 20'	White - 6" Eye	3240 lbs	1 lbs
317021	3/8" x 25'	White - 6" Eye	3240 lbs	1 lbs
317041	1/2" x 15'	White - 6" Eye	5670 lbs	1 lbs
317046	1/2" x 20'	White - 6" Eye	5670 lbs	2 lbs
317051	1/2" x 25'	White - 6" Eye	5670 lbs	2 lbs
317056	1/2" x 30'	White - 6" Eye	5670 lbs	3 lbs
317066	5/8" x 30'	White - 6" Eye	8910 lbs	4 lbs
317071	5/8" x 35'	White - 6" Eye	8910 lbs	4 lbs

BLUE STEEL™ High-Tenacity Rope

CWC BLUE STEEL™ is one of the strongest copolymer ropes in the market today. Manufactured from high-tenacity polyolefin yarns, BLUE STEEL™ offers easy handling and excellent abrasion resistance. It floats and exhibits excellent UV characteristics.

Features:

- Excellent UV and abrasion resistance
- Economical general-purpose rope

Reels



Item #	Dimensions	Description	Tensile	Weight
402006	1/8" x 1200'	Teal - Dk Blue Tracer	800 lbs	7 lbs
402011	3/16" x 1200'	Teal - Dk Blue Tracer	950 lbs	8 lbs
402015	1/4" x 600'	Teal - Dk Blue Tracer	1600 lbs	7 lbs
402019	1/4" x 1200'	Teal - Dk Blue Tracer	1600 lbs	14 lbs
402023	5/16" x 600'	Teal - Dk Blue Tracer	3100 lbs	12 lbs
402025	5/16" x 1200'	Teal - Dk Blue Tracer	3100 lbs	24 lbs
402026	5/16" x 1200'	Teal - Dk Blue Tracer - Medium Firm Lay	3100 lbs	24 lbs
402040	3/8" x 600'	Teal - Dk Blue Tracer	3800 lbs	15 lbs
402042	3/8" x 1200'	Teal - Dk Blue Tracer	3800 lbs	30 lbs
402041	3/8" x 1200'	Teal - Dk Blue Tracer - Medium Firm Lay	3800 lbs	30 lbs
402043	3/8" x 2500'	Teal - Red Tracer	3800 lbs	63 lbs
402045	7/16" x 600'	Teal - Dk Blue Tracer	4700 lbs	18 lbs
402050	1/2" x 600'	Teal - Dk Blue Tracer	6600 lbs	27 lbs
402055	1/2" x 1200'	Teal - Dk Blue Tracer	6600 lbs	53 lbs
402080	9/16" x 600'	Teal - Dk Blue Tracer	8900 lbs	36 lbs
402082	5/8" x 600'	Teal - Dk Blue Tracer	11000 lbs	46 lbs
402084	5/8" x 1200'	Teal - Dk Blue Tracer	11000 lbs	92 lbs
402097	3/4" x 600'	Teal - Dk Blue Tracer	13900 lbs	59 lbs
402106	7/8" x 600'	Teal - Dk Blue Tracer	20100 lbs	88 lbs
402116	1" x 600'	Teal - Dk Blue Tracer	23100 lbs	104 lbs
402121	1-1/8" x 600'	Teal - Dk Blue Tracer	30000 lbs	142 lbs
402126	1-1/4" x 600'	Teal - Dk Blue Tracer	32900 lbs	160 lbs
402134	1-1/2" x 600'	Teal - Dk Blue Tracer	46100 lbs	234 lbs
402148	1-3/4" x 600'	Teal - Dk Blue Tracer	66500 lbs	352 lbs

Coils

Item #	Dimensions	Description	Tensile	Weight
402049	1/2" x 600'	Teal - Dk Blue Tracer	6600 lbs	27 lbs
402058	1/2" x 2400'	Teal - Dk Blue Tracer	6600 lbs	108 lbs
402078	9/16" x 1200'	Teal - Dk Blue Tracer	8900 lbs	72 lbs
402081	5/8" x 600'	Teal - Dk Blue Tracer	11000 lbs	46 lbs
402085	5/8" x 1200'	Teal - Dk Blue Tracer	11000 lbs	92 lbs
402095	3/4" x 600'	Teal - Dk Blue Tracer	13900 lbs	59 lbs

Coils Continued

Item #	Dimensions	Description	Tensile	Weight
402100	3/4" x 1200'	Teal - Dk Blue Tracer	13900 lbs	118 lbs
402105	7/8" x 600'	Teal - Dk Blue Tracer	20100 lbs	88 lbs
402110	7/8" x 1200'	Teal - Dk Blue Tracer	20100 lbs	177 lbs
402115	1" x 600'	Teal - Dk Blue Tracer	23100 lbs	104 lbs
402120	1-1/8" x 600'	Teal - Dk Blue Tracer	30000 lbs	142 lbs
402125	1-1/4" x 600'	Teal - Dk Blue Tracer	32900 lbs	160 lbs
402135	1-1/2" x 600'	Teal - Dk Blue Tracer	46100 lbs	234 lbs
402145	1-3/4" x 600'	Teal - Dk Blue Tracer	66500 lbs	352 lbs
402150	2" x 600'	Teal - Dk Blue Tracer	83500 lbs	451 lbs
402160	2-1/4" x 300'	Teal - Dk Blue Tracer	107100 lbs	304 lbs
402162	2-1/4" x 600'	Teal - Dk Blue Tracer	107100 lbs	609 lbs
402170	2-1/2" x 600'	Teal - Dk Blue Tracer	122300 lbs	695 lbs
402195	3" x 600'	Teal - Dk Blue Tracer	176000 lbs	1014 lbs



BLUE STEEL™ Truck Rope

CWC BLUE STEEL™ Truck Rope has the same great features of standard 3-strand BLUE STEEL™, with an orange surface marker in each strand that conforms to CHP standards.

Item #	Dimensions	Description	Tensile	Weight
405405	3/8" x 600'	Teal - Org Tracer	3800 lbs	15 lbs
405410	7/16" x 600'	Teal - Org Tracer	4700 lbs	18 lbs
405415	1/2" x 600'	Teal - Org Tracer	6600 lbs	27 lbs
405420	5/8" x 600'	Teal - Org Tracer	11000 lbs	47 lbs
405425	3/4" x 600'	Teal - Org Tracer	13900 lbs	59 lbs
405430	1" x 600'	Teal - Org Tracer	23100 lbs	104 lbs



3-Strand Polyester

High-strength and low stretch. Excellent resistance to UV, rot, mildew, oil and common chemicals. Good resistance to abrasion.

Features:

- Works well in marine & industrial applications
- Suited to pulleys and winch lines

Item #	Dimensions	Description	Tensile	Weight
335015	1/4" x 600'	White	1315 lbs	12 lbs
335035	3/8" x 600'	White	2900 lbs	26 lbs
335055	1/2" x 600'	White	5085 lbs	46 lbs
335075	5/8" x 600'	White	7825 lbs	72 lbs
335105	3/4" x 600'	White	11200 lbs	103 lbs

General Purpose - 3 Strand



3-Strand Monofilament Polypropylene Rope

This lightweight, economical rope exhibits excellent resistance to oil, marine growth and common chemicals. The 3-strand construction floats, and will not absorb water.

Features:

- Good resistance to abrasion and UV light
- High strength and moderate stretch

Yellow	Y/Y/B	Black	Manillo	Dimensions	Tensile	Wt
300005				3/16" x 250'	650 lbs	2 lbs
300010		301050		3/16" x 600'	650 lbs	5 lbs
300015	301006	301055		3/16" x 1200'	650 lbs	8 lbs
300030				1/4" x 250'	1125 lbs	4 lbs
400714				1/4" x 400'	1125 lbs	5 lbs
300035	301010	301060	341005	1/4" x 600'	1125 lbs	7 lbs
300040	301015	301065	341010	1/4" x 1200'	1125 lbs	14 lbs
		301067		1/4" x 2400'	1125 lbs	30 lbs
		304053		1/4" x 4000'	1125 lbs	44 lbs
300055	301020	301075	341020	5/16" x 600'	1710 lbs	12 lbs
300060	301021	301077		5/16" x 1200'	1710 lbs	22 lbs
300073				3/8" x 300'	2430 lbs	8 lbs
300075	301023	301085	341030	3/8" x 600'	2430 lbs	16 lbs
300080		301087		3/8" x 1200'	2430 lbs	32 lbs
		301086		3/8" x 2400'	2430 lbs	64 lbs
300110		301089		7/16" x 600'	3150 lbs	21 lbs
300115				7/16" x 1200'	3150 lbs	42 lbs
300120	301025	301090	341050	1/2" x 600'	3780 lbs	28 lbs
300125		301092		1/2" x 1200'	3780 lbs	56 lbs
300130				9/16" x 600'	4590 lbs	35 lbs
300140	301027	301095	341060	5/8" x 600'	5580 lbs	43 lbs
300145				5/8" x 1200'	5580 lbs	86 lbs
300150	301029	301100	341070	3/4" x 600'	7650 lbs	62 lbs
300155				3/4" x 1200'	7650 lbs	124 lbs
300160	301031	301103		7/8" x 600'	10350 lbs	97 lbs
300200	301038	301105	341105	1" x 600'	12825 lbs	108 lbs
300205				1" x 1200'	12825 lbs	216 lbs
300210		301106		1-1/8" x 600'	16000 lbs	136 lbs
300220	301040	301118		1-1/4" x 600'	19350 lbs	165 lbs
300236	301043	301117		1-1/2" x 600'	27350 lbs	236 lbs
300247	301044			1-3/4" x 600'	36900 lbs	318 lbs
300251	301046			2" x 600'	46800 lbs	414 lbs
300261	301045			2-1/2" x 600'	72000 lbs	642 lbs
300271	301048			3" x 600'	102600 lbs	920 lbs

Other Monofilament Polypropylene Colors

Blue	Orange	Green	Magenta	Red	White	Dimensions
					301145	3/16" x 1200'
301200		301326			301146	1/4" x 600'
		301329			301147	1/4" x 1200'
301205			301164		301144	5/16" x 600'
					301143	5/16" x 1200'
301210	301310			301305	301148	3/8" x 600'
	301311				301149	3/8" x 1200'
301213						7/16" x 600'
301215					301150	1/2" x 600'
					301151	1/2" x 1200'
301201						5/8" x 600'
301225	301316	301136		301307	301153	3/4" x 600'
301230					301156	1" x 600'



3-Strand Split Film Polypropylene

This rope has a balanced construction, medium lay and moderate stretch. Very similar to the monofilament in strength, and resistance to UV rays and chemicals.

Features:

- Better hand knot-ability than monofilament
- Durable, economical rope

Item #	Dimensions	Color	Tensile	Weight
400005	3/16" x 600'	Yellow	650 lbs	4 lbs
400007	3/16" x 1200'	Yellow	650 lbs	8 lbs
400015	1/4" x 600'	Yellow	1125 lbs	7 lbs
400020	1/4" x 1200'	Yellow	1125 lbs	14 lbs
400021	1/4" x 1200'	Black	1125 lbs	14 lbs
400035	5/16" x 600'	Yellow	1710 lbs	11 lbs
400040	5/16" x 1200'	Yellow	1710 lbs	22 lbs
400045	3/8" x 600'	Yellow	2430 lbs	16 lbs
400050	3/8" x 1200'	Yellow	2430 lbs	32 lbs
400055	7/16" x 600'	Yellow	3150 lbs	21 lbs
400070	1/2" x 600'	Yellow	3780 lbs	28 lbs
400075	1/2" x 1200'	Yellow	3780 lbs	54 lbs
400100	5/8" x 600'	Yellow	5580 lbs	43 lbs
400110	3/4" x 600'	Yellow	7650 lbs	62 lbs
400120	7/8" x 600'	Yellow	10350 lbs	85 lbs
400130	1" x 600'	Yellow	12825 lbs	108 lbs



3-Strand Poly-Dac Combo

Our 3-strand twisted CWC Poly-Dacron combo rope features high-strength polyester fiber, bound over polypropylene core yarns. Poly-Dac has the same qualities as polypropylene rope, but with better resistance to abrasion and UV rays, as well as a softer feel. This rope will hover just under the water's surface.

Features:

- Soft hand/good grip service
- Good for marine or industrial applications
- Excellent abrasion resistance



3-Strand Nylon

All-purpose 3-strand twisted nylon rope offers high strength and elongation, with good resistance to abrasion. Nylon exhibits great shock absorbing ability, as well as excellent resistance to ultraviolet exposure, mildew, rot, oil, grease, gasoline and many common chemicals. Easy to knot, grip and splice.

Features:

- Superior shock absorption
- Long-lasting and flexible
- Good for dock, anchor, mooring lines, securing boats or cargo

Item #	Dimensions	Description	Tensile	Weight
325005	1/4" x 600'	Wht - Blu & Org Tracers	1200 lbs	10 lbs
325010	1/4" x 1200'	Wht - Blu & Org Tracers	1200 lbs	20 lbs
325015	5/16" x 600'	Wht - Blu & Org Tracers	1870 lbs	15 lbs
325020	5/16" x 1200'	Wht - Blu & Org Tracers	1870 lbs	30 lbs
325025	3/8" x 600'	Wht - Blu & Org Tracers	2700 lbs	22 lbs
325030	3/8" x 1200'	Wht - Blu & Org Tracers	2700 lbs	44 lbs
325040	7/16" x 600'	Wht - Blu & Org Tracers	3500 lbs	29 lbs
325041	7/16" x 1200'	Wht - Blu & Org Tracers	3500 lbs	58 lbs
325045	1/2" x 600'	Wht - Blu & Org Tracers	4400 lbs	37 lbs
325050	1/2" x 1200'	Wht - Blu & Org Tracers	4400 lbs	74 lbs
325060	9/16" x 600'	Wht - Blu & Org Tracers	5200 lbs	47 lbs
325062	9/16" x 1200'	Wht - Blu & Org Tracers	5200 lbs	94 lbs
325065	5/8" x 600'	Wht - Blu & Org Tracers	6100 lbs	57 lbs
325070	5/8" x 1200'	Wht - Blu & Org Tracers	6100 lbs	114 lbs
325100	3/4" x 600'	Wht - Blu & Org Tracers	8400 lbs	81 lbs
325105	3/4" x 1200'	Wht - Blu & Org Tracers	8400 lbs	162 lbs
325110	7/8" x 600'	Wht - Blu & Org Tracers	11125 lbs	108 lbs
325120	1" x 600'	Wht - Blu & Org Tracers	13175 lbs	130 lbs
325122	1" x 1200'	Wht - Blu & Org Tracers	13175 lbs	260 lbs
325130	1-1/8" x 600'	Wht - Blu & Org Tracers	16325 lbs	163 lbs
325140	1-1/4" x 600'	Wht - Blu & Org Tracers	19900 lbs	200 lbs
325147	1-1/2" x 600'	Wht - Blu & Org Tracers	28250 lbs	282 lbs
325167	1-3/4" x 600'	Wht - Blu & Org Tracers	36850 lbs	372 lbs
325173	2" x 600'	Wht - Blu & Org Tracers	48050 lbs	486 lbs

White	Black	Dimensions	Tensile	Weight
315005		3/16" x 600'	880 lbs	5 lbs
315010		3/16" x 1200'	880 lbs	9 lbs
315015	316203	1/4" x 600'	1485 lbs	8 lbs
315020		1/4" x 1200'	1485 lbs	16 lbs
315025	316204	5/16" x 600'	2295 lbs	13 lbs
315035	316205	3/8" x 600'	3240 lbs	18 lbs
315040		3/8" x 1200'	3240 lbs	36 lbs
315045		7/16" x 600'	4320 lbs	24 lbs
315046		7/16" x 1200'	4320 lbs	48 lbs
315055	316215	1/2" x 600'	5670 lbs	32 lbs
315060		1/2" x 1200'	5670 lbs	65 lbs
315100		9/16" x 600'	7200 lbs	39 lbs
315110	316230	5/8" x 600'	8910 lbs	50 lbs
315115		5/8" x 1200'	8910 lbs	101 lbs
315120	316235	3/4" x 600'	12780 lbs	73 lbs
315125		3/4" x 1200'	12780 lbs	146 lbs
315130		7/8" x 600'	17280 lbs	100 lbs
315140	316250	1" x 600'	22230 lbs	126 lbs
315150		1-1/8" x 600'	28260 lbs	160 lbs
315160*		1-1/4" x 600'	34830 lbs	197 lbs
315200*		1-1/2" x 600'	48600 lbs	274 lbs
315219		2" x 300'	84600 lbs	236 lbs
315220*		2" x 600'	84600 lbs	472 lbs
315230		2-1/4" x 600'	107100 lbs	648 lbs
315235*		2-1/2" x 600'	131400 lbs	760 lbs
315245		3" x 300'	185400 lbs	536 lbs
315250		3" x 600'	185400 lbs	1071 lbs

* Firm lay construction, including 1-5/8" diameter, also available.

General Purpose - Double Braid



Nylon Double Braid

High-strength, high stretch and torque-free, this rope features a nylon core inside a soft flexible nylon cover. High elongation and excellent shock absorption properties make nylon ideal for applications involving shock loads. Good resistance to abrasion, UV rays and many common chemicals.

Features:

- Soft-hand feel
- Suited for mooring and anchor lines
- Easy to knot or splice

CWC Premium

Made from the highest quality UV-stabilized yarns, this top quality nylon cord is the top double braid choice for marine and industrial usage.

Item #	Dimensions	Description	Tensile	Weight
345016	3/16" x 600'	White - Blue Tracer	1150 lbs	9 lbs
345015	1/4" x 600'	White - Blue Tracer	2080 lbs	10 lbs
345025	5/16" x 600'	White - Blue Tracer	3263 lbs	16 lbs
345035	3/8" x 600'	White - Blue Tracer	4625 lbs	22 lbs
345045	7/16" x 600'	White - Blue Tracer	6313 lbs	31 lbs
345050	1/2" x 600'	White - Blue Tracer	8156 lbs	40 lbs
345060	5/8" x 600'	White - Blue Tracer	13200 lbs	62 lbs
346070	3/4" x 600'	White - Blue Tracer	19085 lbs	90 lbs
346107	7/8" x 600'	White - Blue Tracer	25700 lbs	122 lbs
346110	1" x 600'	White - Blue Tracer	33200 lbs	160 lbs
346125	1-1/8" x 600'	White - Blue Tracer	41580 lbs	202 lbs
346127	1-1/4" x 600'	White - Blue Tracer	51000 lbs	249 lbs
346130	1-1/2" x 600'	White - Blue Tracer	72600 lbs	358 lbs
346137	1-3/4" x 600'	White - Blue Tracer	98200 lbs	486 lbs
346140	2" x 600'	White - Blue Tracer	127930 lbs	636 lbs

Pro Series

White	Black	Gold/Wht	Dimensions	Tensile	Weight
345101	345099	345014	1/4" x 600'	2000 lbs	9 lbs
345109			5/16" x 600'	3150 lbs	14 lbs
345111	345110	345012	3/8" x 600'	4400 lbs	20 lbs
345112	345120	345013	1/2" x 600'	7800 lbs	36 lbs
345113	345115	345011	5/8" x 600'	12200 lbs	59 lbs
345114	346075	346069	3/4" x 600'	17350 lbs	86 lbs
345116	346108		7/8" x 600'	23400 lbs	127 lbs
345117			1" x 600'	30250 lbs	160 lbs



Polyester Double Braid

Leader among all popular fibers for weatherability, polyester exhibits excellent abrasion resistance and strength, wet or dry. Good resistance to UV light and most common chemicals. This very-low-stretch rope offers excellent gripping properties and a torque-free construction.

Features:

- Low stretch and high strength
- Holds up better than nylon in sunlight
- Great abrasion resistance
- Will not rot or deteriorate

CWC Premium

This polyester double braid features a super-low-stretch radial construction, which provides maximum abrasion resistance and reduces the risk of snag, and virtually eliminates any chance of core herniation.

Item #	Dimensions	Description	Tensile	Weight
347005	3/16" x 600'	White - Grn Tracer	1200 lbs	10 lbs
347020	1/4" x 600'	White - Grn Tracer	2000 lbs	12 lbs
347030	5/16" x 600'	White - Grn Tracer	3089 lbs	19 lbs
347040	3/8" x 600'	White - Grn Tracer	4468 lbs	27 lbs
347050	7/16" x 600'	White - Grn Tracer	6030 lbs	37 lbs
347060	1/2" x 600'	White - Grn Tracer	7894 lbs	48 lbs
347100	5/8" x 600'	White - Grn Tracer	12274 lbs	75 lbs
348110	3/4" x 600'	White - Grn Tracer	17600 lbs	107 lbs
348123	7/8" x 600'	White - Grn Tracer	23700 lbs	146 lbs
348125	1" x 600'	White - Grn Tracer	30900 lbs	191 lbs
348130	1-1/8" x 600'	White - Grn Tracer	39100 lbs	242 lbs
348131	1-1/4" x 600'	White - Grn Tracer	48125 lbs	299 lbs

Pro Series

Item #	Dimensions	Description	Tensile	Weight
347141	3/16" x 600'	White - Grn Tracer	1200 lbs	10 lbs
347142	1/4" x 600'	White - Grn Tracer	1935 lbs	11 lbs
347143	5/16" x 600'	White - Grn Tracer	2947 lbs	18 lbs
347144	3/8" x 600'	White - Grn Tracer	4275 lbs	25 lbs
347145	7/16" x 600'	White - Grn Tracer	5725 lbs	33 lbs
347146	1/2" x 600'	White - Grn Tracer	7425 lbs	45 lbs
347147	5/8" x 600'	White - Grn Tracer	11250 lbs	72 lbs
347148	3/4" x 600'	White - Grn Tracer	16000 lbs	101 lbs



Solid Braid Nylon

CWC solid braid nylon is an extremely strong, soft, lightweight, general purpose rope with excellent resistance to rot, abrasion, mildew, petroleum products and most chemicals. This rope's shock-absorbing elasticity allows it to withstand great strain under shock loads. Stays round and works well in pulleys.

Features:

- Lightweight multipurpose rope
- Flexible and easy to knot
- Strong and shock absorbent

Spools

White	Black	Size	Dimensions	Tensile	Weight
105005		#3	3/32" x 1000'	185 lbs	3 lbs
105024		#4	1/8" x 500'	575 lbs	4 lbs
105003		#4	1/8" x 600'	575 lbs	4 lbs
105025	105026	#4	1/8" x 1000'	575 lbs	5 lbs
105030		#5	5/32" x 500'	720 lbs	4 lbs
105035		#5	5/32" x 1000'	720 lbs	7 lbs
105140		#6	3/16" x 475'	825 lbs	5 lbs
105045		#6	3/16" x 500'	825 lbs	5 lbs
105050	105048	#6	3/16" x 1000'	825 lbs	9 lbs
	105031	#6	3/16" x 3000'	825 lbs	25 lbs
105054	105055	#7	7/32" x 1000'	975 lbs	11 lbs
105145		#8	1/4" x 200'	1325 lbs	4 lbs
105060		#8	1/4" x 500'	1325 lbs	8 lbs
105065		#8	1/4" x 1000'	1325 lbs	15 lbs
105150		#10	5/16" x 175'	1925 lbs	5 lbs
105097		#10	5/16" x 200'	1925 lbs	5 lbs
105100		#10	5/16" x 500'	1925 lbs	13 lbs
105105		#10	5/16" x 1000'	1925 lbs	26 lbs
105110		#12	3/8" x 100'	2800 lbs	4 lbs
105112		#12	3/8" x 125'	2800 lbs	5 lbs
105114		#12	3/8" x 300'	2800 lbs	12 lbs
105115	105118	#12	3/8" x 500'	2800 lbs	18 lbs
105120		#12	3/8" x 1000'	2800 lbs	39 lbs
105127		#16	1/2" x 80'	4200 lbs	6 lbs
105129		#16	1/2" x 250'	4200 lbs	16 lbs
105131		#16	1/2" x 300'	4200 lbs	19 lbs
105130	105134	#16	1/2" x 500'	4200 lbs	31 lbs
105135		#16	1/2" x 1000'	4200 lbs	61 lbs

Solid Braid Nylon - Hanks

Item #	Size	Dimensions	Color	Units	Tensile	Weight
105735	#4	1/8" x 50'	White	Each	575 lbs	3 lbs
105218	#4	1/8" x 100'	White	Each	575 lbs	6 lbs
105233	#6	3/16" x 50'	White	Each	825 lbs	5 lbs
105235	#6	3/16" x 100'	White	Each	825 lbs	9 lbs
105240	#8	1/4" x 50'	White	Dozen	1325 lbs	9 lbs
105245	#8	1/4" x 100'	White	Dozen	1325 lbs	9 lbs
105246	#8	1/4" x 100'	White	Each	1325 lbs	2 lbs



Solid Braid Polyester

One of the strongest and most durable braided cords available, solid braid polyester offers higher strength than polypropylene and much less stretch than nylon. Great resistance to abrasion, UV light, rot, mildew and most common chemicals. Well suited to marine and industrial applications.

Features:

- Strong, low stretch and firm construction
- Works extremely well in pulleys
- Very smooth construction

Item #	Size	Dimensions	Color	Put up	Tensile	Weight
110003	#4	1/8" x 1000'	White	Spool	400 lbs	6 lbs
110110	#4	1/8" x 1000'	Black	Spool	400 lbs	6 lbs
110007	#4	1/8" x 3000'	White	Spool	400 lbs	16 lbs
110004	#5	5/32" x 500'	White	Spool	550 lbs	4 lbs
110115	#5	5/32" x 500'	Black	Spool	550 lbs	4 lbs
110025	#6	3/16" x 475'	White	Spool	820 lbs	6 lbs
110005	#6	3/16" x 1000'	White	Spool	820 lbs	10 lbs
110030	#8	1/4" x 200'	White	Spool	1300 lbs	4 lbs
110010	#8	1/4" x 1000'	White	Spool	1300 lbs	16 lbs
110011	#9	9/32" x 1000'	White	Spool	1450 lbs	21 lbs
110014	#10	5/16" x 500'	White	Spool	1750 lbs	16 lbs
110016	#12	3/8" x 500'	White	Spool	2700 lbs	19 lbs
110017	#12	3/8" x 1000'	White	Spool	2700 lbs	41 lbs
110018	#16	1/2" x 250'	White	Spool	4500 lbs	19 lbs
110019	#16	1/2" x 500'	White	Spool	4500 lbs	38 lbs

General Purpose - Natural / 12 Strand



3-Strand Pacific™ Manila

Premium abaca fiber manila rope is one of the strongest natural ropes available on the market today. It offers low stretch and good abrasion resistance. Poor chemical resistance. Not for use in wet conditions.

Features:

- Biodegradable

Coils

Item #	Dimensions	Description	Tensile	Weight
200005	3/16" x 3300'	Natural	405 lbs	45 lbs
200007	1/4" x 600'	Natural	540 lbs	9 lbs
200010	1/4" x 1250'	Natural	540 lbs	19 lbs
200015	1/4" x 2500'	Natural	540 lbs	40 lbs
200016	5/16" x 600'	Natural	900 lbs	15 lbs
200020	5/16" x 1725'	Natural	900 lbs	44 lbs
200025	3/8" x 600'	Natural	1215 lbs	19 lbs
200030	3/8" x 1200'	Natural	1215 lbs	37 lbs
200035	7/16" x 600'	Natural	1575 lbs	29 lbs
200045	1/2" x 600'	Natural	2385 lbs	36 lbs
200050	1/2" x 1200'	Natural	2385 lbs	84 lbs
200055	5/8" x 600'	Natural	3960 lbs	64 lbs
200060	5/8" x 1200'	Natural	3960 lbs	142 lbs
200065	3/4" x 600'	Natural	4860 lbs	95 lbs
200070	3/4" x 1200'	Natural	4860 lbs	190 lbs
200100	7/8" x 600'	Natural	6930 lbs	111 lbs
200108	1" x 100'	Natural	8100 lbs	26 lbs
200109	1" x 300'	Natural	8100 lbs	77 lbs
200110	1" x 600'	Natural	8100 lbs	119 lbs
200115	1" x 1200'	Natural	8100 lbs	238 lbs
200120	1-1/8" x 600'	Natural	10800 lbs	172 lbs
200130	1-1/4" x 600'	Natural	12150 lbs	203 lbs
200138	1-1/2" x 600'	Natural	16650 lbs	318 lbs
200151	2" x 600'	Natural	27900 lbs	568 lbs

Reels

Item #	Dimensions	Description	Tensile	Weight
201003	1/4" x 600'	Natural	540 lbs	11 lbs
201005	1/4" x 1200'	Natural	540 lbs	22 lbs
201007	5/16" x 600'	Natural	900 lbs	16 lbs
201015	3/8" x 600'	Natural	1215 lbs	23 lbs
201020	7/16" x 600'	Natural	1575 lbs	29 lbs
201025	1/2" x 600'	Natural	2385 lbs	40 lbs
201030	5/8" x 600'	Natural	3960 lbs	75 lbs
201035	3/4" x 600'	Natural	4860 lbs	93 lbs



12 Strand CWC BLUE STEEL™

12 strand CWC BLUE STEEL™ high-strength co-extrusion polyolefin fiber rope offers superior resistance to UV rays and abrasion, compared to polypropylene rope. Easy to handle and splice, this rope also offers excellent resistance to rot, mildew, and most common chemicals.

Features:

- Balanced torque-free construction
- High-strength and abrasion resistance
- 30-40% stronger than comparable polypro
- Easy to splice
- Larger sizes available on request

Item #	Dimensions	Description	Tensile	Weight
353290	1/4" x 600'	Teal - Dk Blue Tracer	1730 lbs	8 lbs
353295	5/16" x 600'	Teal - Dk Blue Tracer	3250 lbs	14 lbs
353300	3/8" x 600'	Teal - Dk Blue Tracer	4110 lbs	19 lbs
353305	7/16" x 600'	Teal - Dk Blue Tracer	5800 lbs	27 lbs
353310	1/2" x 600'	Teal - Dk Blue Tracer	6900 lbs	32 lbs
353320	5/8" x 600'	Teal - Dk Blue Tracer	12200 lbs	58 lbs
353325	3/4" x 600'	Teal - Dk Blue Tracer	15900 lbs	75 lbs
353328	7/8" x 600'	Teal - Dk Blue Tracer	21200 lbs	102 lbs
353330	1" x 600'	Teal - Dk Blue Tracer	25200 lbs	117 lbs



12 Strand Polyester

CWC 12 strand polyester provides high-strength, low stretch and excellent abrasion resistance. It's easy to splice, and is 30% stronger than 3-strand or 8 braid polyester. Its torque-free construction will not twist or kink when load is applied. Applications for use include commercial fishing, tug working lines, mooring pendants and shock lines.

Features:

- Excellent UV and abrasion resistance, wet or dry
- Will not twist or kink
- Larger sizes available on request

Item #	Dimensions	Description	Tensile	Weight
353209	5/16" x 600'	White	3950 lbs	19 lbs
353210	3/8" x 600'	White	5000 lbs	27 lbs
353215	1/2" x 600'	White	8900 lbs	52 lbs
353220	5/8" x 600'	White	13800 lbs	83 lbs
353225	3/4" x 600'	White	17800 lbs	113 lbs

12 Strand Spectra®



Spectra® is a high-strength, low-stretch rope with excellent abrasion resistance. More than 3 times stronger than polyester with less than half of the elongation. Spectra® is ideal for commercial fishing, mooring and tug lines, tow and winch lines, and pull lines.

Features:

- Torque-free and easy to splice
- Durable polyurethane finish

Item #	Dimensions	Description	Tensile	Weight
353344	1/8" x 600'	Gray	1800 lbs	4 lbs
353343	3/16" x 600'	Gray	3600 lbs	6 lbs
353346	1/4" x 600'	Gray	6000 lbs	10 lbs
353345	5/16" x 600'	Gray	9000 lbs	16 lbs
353349	3/8" x 600'	Gray	13900 lbs	22 lbs
353348	3/8" x 1200'	Gray	13900 lbs	44 lbs
353352	7/16" x 600'	Gray	14800 lbs	25 lbs
353350	1/2" x 600'	Gray	22500 lbs	39 lbs
353351	1/2" x 1200'	Gray	22500 lbs	78 lbs
353355	5/8" x 600'	Gray	36600 lbs	64 lbs
353358	3/4" x 600'	Gray	43300 lbs	80 lbs

12 Strand Dymax®



Dymax® is a Dyneema® rope with strength comparable to wire rope, at a fraction of the weight. It floats, making it ideal for commercial fishing, mooring and tug lines, tow and winch lines, and pull lines.

Features:

- Very low stretch with very high strength
- Durable polyurethane finish

Item #	Dimensions	Description	Tensile	Weight
353424	1/8" x 600'	Gray	1600 lbs	3 lbs
353422	3/16" x 600'	Gray	3700 lbs	6 lbs
353423	1/4" x 600'	Gray	6700 lbs	10 lbs
353421	5/16" x 600'	Gray	9700 lbs	16 lbs
353426	3/8" x 600'	Gray	14000 lbs	22 lbs
353429	3/8" x 1200'	Gray	14000 lbs	43 lbs
353431	7/16" x 600'	Gray	16500 lbs	25 lbs
353427	1/2" x 600'	Gray	25000 lbs	38 lbs
353353	1/2" x 1500'	Gray	25000 lbs	96 lbs
353428	5/8" x 600'	Gray	37000 lbs	62 lbs
353432	3/4" x 600'	Gray	47000 lbs	80 lbs

12 Strand Plasma®



Our Plasma® 12 strand is the highest strength, lowest creep synthetic rope available. Made with high modulus polyethylene fiber (HMPE) enhanced by a patented recrystallization process, this rope can be used to replace wire rope. Easy to splice. Useful for mooring lines, barge lines, lifting slings, winch lines and theatrical rigging.

Features:

- Suitable replacement for wire rope
- Polyurethane finish

Item #	Dimensions	Description	Tensile	Weight
353501	3/16" x 600'	Violet	5500 lbs	7 lbs
353502	1/4" x 600'	Violet	8000 lbs	10 lbs
353500	5/16" x 600'	Violet	11700 lbs	15 lbs
353503	3/8" x 600'	Violet	17500 lbs	22 lbs
353505	7/16" x 600'	Violet	21000 lbs	25 lbs
353507	1/2" x 600'	Violet	31300 lbs	39 lbs

12 Strand SuperMax® II



SuperMax II is an ultra high molecular weight polyethylene (UHMWPE), Dyneema® SK75 fiber braided rope. It offers the strongest tensile strength per weight available. This rope is stronger than wire rope of the same diameter, at 1/8 the weight. A special heat treatment enhances its anti-abrasion characteristics.

Features:

- Very low stretch with very high strength
- Strength is comparable to wire rope
- Long life and easy handling
- Non-kinking and non-rotational
- Easy to splice
- Larger sizes available on request

Item #	Dimensions	Description	Tensile	Weight
353438	1/4" x 600'	Orange	8910 lbs	9 lbs
353442	5/16" x 600'	Orange	13750 lbs	15 lbs
353446	3/8" x 600'	Orange	19690 lbs	21 lbs
353450	7/16" x 600'	Orange	23650 lbs	25 lbs
353454	1/2" x 600'	Orange	35090 lbs	37 lbs
353462	3/4" x 600'	Orange	75790 lbs	83 lbs
353466	1" x 600'	Orange	123200 lbs	140 lbs
353470	2" x 600'	Orange	398200 lbs	497 lbs

Rope Tools & Accessories



Rope Cutters

CWC offers pistol grip and table-top rope cutters. These tools simultaneously cut and seal the ends of polypropylene, polyester and nylon rope and webbing.

Item #	Description	Weight
068005	Pistol Grip Rope Cutter - Cuts up to 1-1/2" dia ropes	2 lbs
068007	Table Top Rope Cutter - Cuts up to 2-3/8" dia ropes	3 lbs
068010	Replacement Blades for Cutting Gun	0.2 lbs
068011	Replacement Blades for Table Top Cutter	0.2 lbs



Plastic Splicing Fids

This 3 pack contains plastic splicing fids to be used with hollow braid and twisted ropes. Complete splicing instructions included on back of packaging.

Item #	Description	Color	Weight
068149	1/4", 3/8", 1/2" (3 Fid Pack)	Black	1 lbs



Metal Splicing Fids

CWC offers Samson tubular metal fids designed for splicing double braid ropes. Instructions available. Pushers sold separately.

Item #	Description	Color	Weight
068180	1/4" Metal Fid (Single Fid Pack)	Silver	0.3 lbs
068185	3/8" Metal Fid (Single Fid Pack)	Silver	0.3 lbs
068200	1/2" Metal Fid (Single Fid Pack)	Silver	0.4 lbs
068205	5/8" Metal Fid (Single Fid Pack)	Silver	0.4 lbs
068210	3/4" Metal Fid (Single Fid Pack)	Silver	0.5 lbs
068215	1" Metal Fid (Single Fid Pack)	Silver	0.5 lbs



Fid Pushers

Samson fid pushers are used in conjunction with metal splicing fids for splicing double braid ropes. Instructions available. Fids sold separately.

Item #	Description	Weight
068230	Samson Splicing Pushers - Small	0.02 lbs
068235	Splicing Pushers - Large	0.02 lbs



Cordage Meter

This mechanical cordage meter accurately measures both synthetic and natural fiber rope and cord from 1/4" to 3/4" in diameter. Rope smoothly cranks through with the help of a feed wheel.

Item #	Description	Weight
068410	Mechanical Counter Cordage Meter	5 lbs



Rope Clamps

CWC nickel and bronze-plated rope clamps hold ropes in place to maximize load strength and efficiency. Perfect for making your own lead lines, lunge lines, cross ties and more.

Item #	Description	Weight
068300	5/8" Rope Clamps - Nickel (50/Box)	6 lbs
068310	5/8" Rope Clamps - Brass (50/Box)	6 lbs



Splicing Manual

This flip chart splicing manual with step-by-step instructions and color photos shows how to put splices in braid-on-braid, hollow braid, or 3-strand twisted ropes. The book is also available as part of a splicing training kit that contains: the book, two lengths of braid-on-braid rope and tools.

Item #	Description	Weight
068251	THE SPLICING BOOK by Dave Richards.	0.25 lbs



Rain Wear

We offer a variety of abrasion and chemical resistant PVC rain wear to keep employees protected from the rain.

Features:

- Lightweight, puncture and tear resistant
- Rain and slush boots also available

Item #	Description	Size	Weight
510945	2-Piece 49" Rain Coat - Yellow	Small	2 lbs
510946	0.35 mm PVC/Polyester. Detachable hood - drawstring, corduroy collar.	Medium	2 lbs
510947	Storm fly front w/snap buttons.	Large	2 lbs
510948	Flapped pockets. Ventilated. (1 coat)	X-Large	2 lbs
510944		2X-Large	3 lbs
510943		3X-Large	3 lbs
510942		4X-Large	3 lbs
510941		5X-Large	3 lbs
510905	3-Piece Rain Suit - Yellow	Small	2 lbs
510906	0.35 mm PVC/Polyester Fabric.	Medium	2 lbs
510907	Detachable hood w/ drawstring.	Large	2 lbs
510908	Ventilated jacket w/flapped pockets.	X-Large	2 lbs
510909	Storm fly Front w/zipper & snap buttons.	2X-Large	2 lbs
510910	Bib-style pants. Suspenders & snap fly. (1 suit)	3X-Large	3 lbs
510911		4X-Large	3 lbs
510912		5X-Large	3 lbs



Protective Clothing

Shop CWC for a great selection of basic hygienic and protective clothing at competitive prices.

Item #	Description	Size	Weight
510899	Defender Coveralls - White No hood or boots. Standard microporous (25/ctn)	Large	3 lbs
510896		X-Large	4 lbs
510897		2X-Large	5 lbs
510033	Nylon Bouffant Cap - Blue (1000/ctn)	Fits All	40 lbs
510917	Nylon Honeycomb Hair Net - White 1/8" hole (1000/ctn)	21"	7 lbs
510918		24"	8 lbs
510919	Nylon Beard Net - White (1000/ctn)	Fits All	40 lbs
510959	Anti-Skid Shoe Covers - Blue Disposable (400 individual units/ctn)	XL	60 lbs



Ear Plugs

Hi-vis corded polyurethane foam earplugs with long tapered shape and smooth surface for a long-lasting comfortable fit.

Item #	Description	Units	Weight
510869	Corded ear plugs (pair)	100	1 lb



Protective Eyewear

Our CWC glasses and goggles combine style, durability, and affordability into safety glasses that you will want to wear.

Features:

- Great for carpenters, machinists & more
- Additional styles available

Item #	Description	Weight
510817	CATALYST - Black frame - anti-scratch gray lens	1 oz
510814	CATALYST - Black frame - anti-scratch clear lens	1 oz
510857	VENDETTA - Black frame - anti-scratch Dust/splash goggles - clear frame gray lens	1 oz
510872	RETRIEVER - Red, white & blue frame - anti-scratch clear lens	1 oz
510880	Direct ventilation goggles - clear lens	1 oz

* 12 units per box. 12 boxes per carton



Safety Vests

CWC general-purpose safety vests provide high visibility day or night. Breathable polyester mesh fabric.

Features:

- Zipper closure
- 2 pockets
- 2" reflective silver stripe for visibility.

Orange#	Green#	Description	Units	Wt
510791	510794	Lightweight Hi-Vis Mesh Safety Vest - 2" Reflective Stripqw	Small	2 lbs
510786	510780		Medium	2 lbs
510790	510781		Large	2 lbs
510787	510782		X-Large	3 lbs
510792	510783		2X-Large	3 lbs
510788	510784		3X-Large	3 lbs
510793	510795		4X-Large	4 lbs
510789	510796		5X-Large	4 lbs



Dust Masks

Our dust masks offer protection against airborne irritants and non-oil mists when sweeping, sanding, or baling hay.

Features:

- Adjustable nose clip for comfort and fit
- Sold by the carton

Item #	Description	Units	Weight
510875	Nuisance Mask - Single Strap (50/Box)	20	10 lbs
510879	NIOSH N95 - Double strap (20/Box)	12	8 lbs
510876	Nuisance Mask - Double Strap (50/Box)	20	11 lbs

Gloves - Atlas Series



Atlas™ Dipped Gloves

Atlas™ palm coated gloves combine excellent grip, oil and abrasion resistance with style, comfort and fit. Ideal for construction, agriculture, automotive and general maintenance.

Gloves sold 12 pairs (one size) per package

Glove	Description	Item #	Size
	Atlas 265 Assembly Grip Lite - nitrile palm dipped -13 gauge nylon liner	510062 510064 510065	Small Medium Large
	Atlas 300 Fit - crinkle latex palm dipped - 10 gauge poly/cotton liner	510300 510301 510302 510303	Small Medium Large X-Large
	Atlas 305 Xtra - 3/4 latex dipped -10 gauge seamless poly/cotton liner	510578 510579 510580 510581	Small Medium Large X-Large
	Atlas 310 Grip - crinkle latex palm dipped - 10 gauge poly/cotton liner. Individually tagged	510508 510509 510510 510511	Small Medium Large X-Large
	Atlas 341 Advanced Grip - latex palm dipped -13 gauge nylon/polyester liner. Antibacterial/anti-odor treatment	511100 511101 511102 511103	Small Medium Large X-Large
	Atlas 370 Assembly Grip - nitrile palm dipped -13 gauge nylon liner	510362 510363 510364 510365	Small Medium Large X-Large
	Atlas 377 Foam Grip - foam nitrile palm over nitrile dip - poly-nylon liner. Chemical resistant	510416 510417 510418 510419	Small Medium Large X-Large
	Atlas 451 Therma Fit - latex palm dipped - -10 gauge double nap acrylic liner	510451 510456 510457 510458	Small Medium Large X-Large



Atlas™ Chemical Resistant Gloves

Durable heavyweight Atlas chemical resistant gloves in double, triple and full dipped styles. Strong yet flexible, these gloves feature a soft comfortable lining. A textured finish ensures a firm grip, while the shell offers abrasion resistance and durability.

These gauntlet cuff gloves are oil and chemical resistant. We also offer extended sleeve gloves for protection above the elbow.

Gloves sold 12 pairs (one size) per package

Glove	Description	Item #	Size
	Atlas 460 - 12" double-dipped PVC - seamless cotton liner. Rough grip.	510403 510400 510401 510402	Small Medium Large X-Large
	Atlas 481 - 12" triple-dipped PVC - insulated thermal knit jersey liner. Rough grip.	510049 510050 510051	Medium Large X-Large
	Atlas 620 - 12" double-dipped PVC - seamless cotton knit liner. Rough grip.	510630 510631 510632 510633 510634	Small Medium Large X-Large XX-Large
	Atlas 660 - 12" triple-dipped PVC - seamless cotton liner. Rough grip.	510661 510662 510663 510664 510665	Small Medium Large X-Large XX-Large
	Atlas 720 - 12" nitrile full dipped - seamless cotton liner. Rough grip.	510340 510341 510342 510343 510344	Small Medium Large X-Large XX-Large
	Atlas 772 - 26" double-dipped nitrile - extra long sleeve - grommet. Rough grip.	510056 510057 510058	Medium Large X-large
	Atlas 640 - 26" double-dipped PVC glove - extended PVC sleeve. Rough grip.	510641 510642 510643	Medium Large X-large



CWC Coated Knit Gloves

ProTACT high-tactility dipped gloves provide excellent grip, in a variety of jobs, as well as great breathability and abrasion resistance.

Our PVC dot coated gloves also offer a secure grip with the comfort and dexterity of a soft cotton liner. We also carry hi-vis, fully-coated honeycomb PVC poly cotton knit gloves for extra grip.

Gloves sold 12 pairs (one size) per package

Glove	Description	Item #	Size
	ProTACT - latex palm dipped -10 gauge cotton/poly liner	510026 510027 510241	Medium Large X-Large
	ProTACT - crinkle latex palm dipped -13 gauge nylon liner	510148 510149 510242	Medium Large X-Large
	ProTACT - nitrile palm dipped -13 gauge nylon liner	510235 510236 510237	Medium Large X-Large
	ProTACT - microfoam nitrile palm dipped -15 gauge nylon liner	510126 510127 510128 510129	Small Medium Large X-Large
	ProTACT - polyurethane palm dipped -13 gauge nylon liner	510238 510239 510240	Medium Large X-Large
	ProTACT - microfoam nitrile palm dipped, nitrile dot coated palm - 15 gauge nylon liner	511226 511227 511228 511229	Medium Large X-Large
	ProTACT Thermal - nitrile palm dipped - 15 gauge fleece lining	510137 510138 510139	Medium Large X-Large
	Cotton/poly string knit PVC on palm & back	510481	Ladies
	Hi-vis heavyweight cotton/poly string knit - clear honeycomb PVC coating	510471 510472 510473 510474	Small Medium Large X-Large



CWC Leather Gloves

CWC leather palm gloves protect hands while handling heavy or abrasive objects. Moderate protection from heat and cold.

Our leather drivers are ideal for anyone who uses construction and farm equipment, or heavy machinery. Great for ranch work, tractor-trailer operation, utility and many other applications.

Gloves sold 12 pairs (one size) per package

Glove	Description	Item #	Size
	Split leather palm - canvas back - safety cuff	510135 510136	Large X-Large
	Shoulder leather palm - denim back - safety cuff	510330	Large
	Shoulder leather palm - gunn pattern back - safety cuff	510322 510323 510325 510324	Small Medium Large X-Large
	Select shoulder - split leather - jointed double palm - safety cuff	510358 510360	Large X-Large
	Mechanics glove. Grain pigskin/spandex - neoprene knuckle	510348 510349 510350	Medium Large X-Large
	Grain cowhide palm - split leather back - keystone thumb	510113 510114 510115	Medium Large X-Large
	Standard leather driver - keystone thumb & elastic back	510620 510621 510622 510623	Small Medium Large X-Large
	Economy leather driver - keystone thumb & elastic back	510624 510625 510626	Medium Large X-Large
	Economy grain pigskin - unlined - keystone thumb	510710 510714	Large X-Large

Gloves - Chemical Resistant



Unsupported Gloves

CWC offers unsupported form-dipped latex, neoprene and nitrile gloves. Available with flock lining, our gloves provide chemical resistance, and are effective in a range of light to medium-duty applications.

Gloves sold 12 pairs (one size) per package

Lined

Glove	Description	Item #	Size
	18 mil - 12" Yellow latex - flock lined - embossed grip	510285 510291 510287 510289	Small Medium Large X-Large
	28 mil - 13" Orange latex - flock lined - embossed grip	510161 510162 510163	Medium Large X-Large
	28 mil - 12" Blue neoprene full dipped over yellow latex - flock lined	510158 510159 510160	Medium Large X-Large

Unlined

Glove	Description	Item #	Size
	18 mil - 12" Natural latex canners - unlined - embossed grip	510022 510297 510023	Medium Large X-Large
	9 mil - 13" Blue nitrile - unlined - tractor tread grip	510861 510862 510863 510864 510865	X-Small Small Medium Large X-Large
	11 mil - 12" Green nitrile - unlined - embossed grip	510039 510002 510003 510001	Small Medium Large X-Large
	15 mil - 12" Green nitrile - unlined - embossed grip	510292 510294 510295 510296	Small Medium Large X-Large

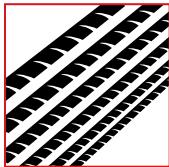


Supported Gloves

CWC also carries an assortment of single and multi-dipped supported gloves. Available with different coatings, these gloves offer reliable grip, abrasion resistance and protection from a wide range of chemicals.

Gloves sold 12 pairs (one size) per package

Glove	Description	Item #	Size
	PVC rough grip. Double-dipped. Full-hand coated. Chemical and abrasion resistant. Jersey lined.	510243	Large
	14" PVC rough grip. Double-dipped. 14" gauntlet. Fully coated. Chemical and abrasion resistant. Interlock lined.	510213	Large
	14" PVC smooth grip. Single-dipped. 14" gauntlet. Fully coated. Chemical and abrasion resistant. Interlock lined.	510227	Large
	14" PVC sandpaper finish. Double-dipped. 14" gauntlet. Fully coated. Chemical and abrasion resistant. Jersey lined	510245	Large
	14" Neoprene smooth grip. Multi-dipped. 14" gauntlet. Fully coated. Chemical resistant. Brushed interlock lined.	510334	Large
	14" Neoprene rough grip. Multi-dipped. 14" gauntlet. Fully coated. Chemical resistant. Brushed foam lined.	510333	Large
	Smooth heavyweight nitrile knit wrist. Single-dipped. Full-hand coated. Chemical resistant. Jersey lined.	511078	Large
	14" Nitrile rough grip. Single-dipped nitrile. Fully coated. Oil, chemical, cut and abrasion resistant. Interlock cotton lining.	510105 510106 510107	Medium Large X-Large



Diameter & Size Values

Cordage dimensions are generally given in cord diameter, presented in fractional inches in this book, or in industry standard size numbers.

Size is determined by linear density; diameter is given as a minimal value, and it may vary slightly. If a specific diameter value is specified, linear density and minimum breaking strength values may be different from those given in tables. Size number is given as a reference to standardized rope values.



Choosing a Rope

Be sure the rope selected is adequate for the task at hand.

Careful selection of appropriate cordage diameter, fiber and construction is essential for safety and efficiency. This catalog provides general rope specifications. Specific information regarding strength and recommended working loads for various sizes and constructions of hard fiber and synthetic rope are available from your distributor, dealer or the manufacturer.

NOTE: Due to the wide range of rope uses, factors affecting rope behavior, and the degree of risk to life and property involved, it is impossible to cover all rope applications in this catalog. Information in this publication is also not intended to apply to rescue rope.



Specific Rope Values

Minimum breaking strength and working loads are derived from analysis of data from a number of manufacturers.

To provide guidelines, a range of generalized working loads and break strengths are presented in this catalog for ropes in good condition, with appropriate splices, in non-critical applications, and under normal service conditions. "Normal service" is generally considered to be rope use under static or modest dynamic load conditions. (See *Dynamic Loading*)

Because of the wide range of uses, rope conditions, working environments, and the degree of risk to life and property involved, it is not realistic to make specific recommendations regarding working loads without careful analysis of the requirements of the working conditions, and application in which the rope will be used.

Conditions that could potentially affect working load and break strength include:

- Elongation
- Energy absorption
- Loading behavior
- Condition and use of hardware involved
- Environmental factors.

Other properties may be evaluated to facilitate the selection of a rope best suited to the requirements.

Critical Conditions of Use

Extra care should be taken in rope selection in situations where:

- Small diameter ropes are used; smaller ropes are damaged more easily by cutting, abrasion and sunlight
- Loads are not accurately calculated
- Operators are poorly trained
- Operation and use procedures are not well-defined and/or controlled
- Rope inspection is infrequent
- Abrasion, cuts and/or dirt is present
- Shock loading or extreme dynamic loading is likely
- High temperatures and/or chemicals are present
- Ropes are stored improperly
- Ropes are kept in service indefinitely
- Tension on the rope is maintained for extended periods
- Rope is subject to sharp bends, as when used with pulleys or surfaces with too small a radius
- Knots are used: strength is reduced by up to 50%
- Death, injury or loss of valuable property may result from rope failure

Special Safety Note

It is dangerous for anyone to be in the snap zone of a rope under excessive tension. Should the rope fail, it may recoil with considerable force, especially if the rope is nylon. Death or serious injury may result. Persons must be warned against standing in line with the rope.



Handling Rope

Handle rope properly to avoid accidents.

Swap rope ends regularly, particularly when used in tackle. This allows even wearing and assures longer, more useful rope life. When using tackle or slings, apply a steady, even pull to get full strength from rope. For maximum safety and economy, always use slings employing an angle of approximately 45°. Refer to previous page, regarding the dangers of excessive tension and snap back.



Checking for Wear

Avoid using rope that shows signs of aging and wear. If in doubt, discard the used rope.

No type of visual inspection can be guaranteed to accurately and precisely determine actual residual strength. When the fibers show wear in any given area, the rope should be re-spliced, downgraded, or replaced. Check the line regularly for frayed strands and broken yarns. Pulled strands should be re-threaded into the rope if possible. A pulled strand can snag on a foreign object during a rope operation.

Both outer and inner rope fibers contribute to the strength of the rope. When either is worn, the rope is naturally weakened. To check for wear, spread the rope strands slightly (both 3-strand or braided) and look for powdered fiber, one sign of internal wear. A heavily used rope will often become compacted or hard which also indicates reduced strength. Ropes should be discarded if these conditions exist.

Rope Selection & Safety



Dynamic Loading

Do not overload rope. Sudden strains of shock loading can cause failure.

Avoid sudden strain - shock loads can exceed breaking strength and cause failure of a rope normally strong enough to handle the load.

Working loads are not applicable when the rope is subject to significant dynamic loading. Whenever a load is picked up, stopped, moved, or swung, there is an increased force, due to dynamic loading. The more rapidly or suddenly such actions occur, the greater this increase will be. In extreme cases, the force put on the rope may be two or more times the normal load involved. Examples include picking up a tow on a slack line, or using a rope to stop a falling object. Working loads as given may not apply in applications as such as tow lines, life lines, safety lines or climbing ropes, unless specified otherwise.

Users should be aware that dynamic effects are greater on a low elongation rope such as manila, than on a high elongation rope such as nylon, and greater on shorter rope as opposed to longer. When a rope has been secured to a load, the load must be handled slowly and smoothly to minimize dynamic effect. Dynamic loading of a high-elongation rope, especially nylon, can be particularly dangerous. Energy stored in the rope can cause it to recoil at a high velocity if it fails, causing damage to property, injury or even death. (See Safety Note)



Splicing

Join rope ends by splicing.

Most ropes can be spliced. This is the preferred method of joining ropes. A good splice, using the recommended method, should not reduce the strength of a rope by more than 10%. Knots can decrease rope strength by as much as 60%. Use the manufacturer's recommended splices for maximum efficiency. Other methods of joining rope ends can be used, but strength loss with a particular type of rope construction should be researched, not assumed.



Abrasion

Avoid all abrasive conditions.

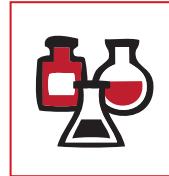
Any rope can be severely damaged if subject to rough surfaces or sharp edges. Chocks, bits, winches, drums and other surfaces that come into contact with a rope must be kept in good condition, free of burrs and rust. Pulleys must be able to rotate freely, and should be of proper size to avoid excessive rope wear. Restraining clamps and similar devices can weaken rope, and should be used with extreme caution. Never step on a rope. When dirt or grit is worked into the sheath, it will invisibly abrade the core.



Hardware

Hardware components must match.

Make certain that components such as hooks, clamps and pulleys are of suitable material and strength to provide adequate safety protection. Attachments must be properly installed and have a working load limit of at least equal to the rope with which they are used.



Chemicals

Avoid unnecessary exposure to chemicals, acids and alkalis.

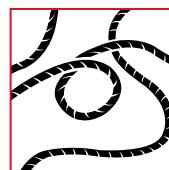
Chemicals can severely weaken a rope without leaving obvious signs, especially battery acid and solvents. Even the vapors from chemicals can weaken a rope. This is particularly true for natural fiber ropes. Consult the manufacturer for recommendations based on chemical resistance properties, or for information pertaining to exposure to specific chemicals, such as to solvents, acids or alkalies.



Pulling from Coils & Reels

Remove rope properly from coils and reels to prevent kinking.

Rope which comes coiled should always be uncoiled from the inside, as directed by the manufacturer. If on a reel, rope should be removed by pulling it from the top while the reel is free to rotate vertically. This can be accomplished using a reel stand, or by suspending the rope on a pipe or rod placed horizontally through the reel center, high enough to allow the reel to rotate freely. Pulling the rope in any other manner may cause kinks or hockles.



Winching Lines

Proper procedures will prevent kinks and hockles in 3-strand twisted rope.

Repeated hauling of a line over a winch in a counterclockwise direction will extend the lay of twisted rope and simultaneously change the twist of each strand. As this action continues, strand hockles or back turning may develop. Once these hockles appear, they cannot be removed, and the rope is permanently damaged at the point of hockling. If the line is continuously hauled over a winch in a clockwise direction, the rope lay is shortened, and the rope becomes stiff and will kink readily.



Storage & Care

All rope should be stored clean, dry, out of direct sunlight, and away from heat.

Cordage should be housed in a cool, dry and well-ventilated area. Rope should be kept off the floor, and on racks, to allow for adequate ventilation underneath. Never store rope on a concrete or dirt floor, and under no circumstances should rope and acid or alkalis be kept in the same building. Natural fiber ropes will mildew and decay if stored in wet conditions. Do not leave rope in direct sunlight. Polypropylene, polyethylene and other synthetic ropes are prone to degradation from long-term exposure to UV rays, and must be kept out of direct sunlight in order to maintain strength. Pigmented or UV-stabilized synthetic ropes have increased resistance to sunlight. UV degradation is indicated by discoloration and the presence of fiber splinters and slivers on the surface of the rope.



Heat Avoid overheating.

Heat can seriously affect the strength of rope. When using rope in temperatures exceeding 140°F, in applications where rope is continuously exposed to heat, or any situation where rope is too hot to handle, consult the manufacturer. When using ropes on a capstan or winch, care should be exercised to avoid surging while the capstan or winch head is rotating. Friction from this slippage causes localized overheating, which can melt or fuse synthetic fibers, or burn natural fibers, resulting in severe loss of tensile strength.

Caution should be exercised when using synthetic fiber ropes at elevated temperatures. Synthetic ropes will show a reduction in strength when used at a high heat, and may fail under loads well below its published break strength. Additionally, synthetic ropes can exhibit heat weakening or failure even when used under normal conditions, if ropes are stored in a high temperature environment.

CAUTION: Heat can seriously affect the strength of synthetic ropes. Polypropylene can lose up to 50% of its strength at 150°F; Nylon, at 350°F; Polyester at 350°F. Check with manufacturer for information about any synthetic ropes not listed here.

Rope Characteristics Comparison

FIBER TYPE	NYLON	POLYESTER	POLYPROPYLENE	POLY-DAC	MANILA / SISAL	COTTON
STRENGTH	1	2	3	4	5	6
WET STRENGTH VS DRY STRENGTH	85%	100%	100%	100%	115%	115%
SHOCK LOAD ABILITY	1	3	2	4	5	6
FLOATS OR SINKS IN WATER	SINKS	SINKS	FLOATS	FLOATS*	SINKS	SINKS
ELONGATION AT BREAK	20-34%	15%-20%	15%-20%	10%-15%	10%-15%	5%-10%
WATER ABSORPTION	6%	ZERO	ZERO	ZERO	100%	100%
MELTING POINT	480°F	500°F	330°F	275°F	DOES NOT MELT CHARS AT 350°F	DOES NOT MELT CHARS AT 350°F
ABRASION RESISTANCE	2	1	4	5	3	3
RESISTANCE TO SUNLIGHT	GOOD	EXCELLENT	POOR	FAIR	GOOD	GOOD
RESISTANCE TO ROT	EXCELLENT	EXCELLENT	EXCELLENT	EXCELLENT	POOR	POOR
RESISTANCE TO ACIDS	POOR	GOOD	GOOD	GOOD	POOR	POOR
RESISTANCE TO ALKALIS	GOOD	POOR	GOOD	GOOD	POOR	POOR
RESISTANCE TO OIL AND GAS	GOOD	GOOD	GOOD	GOOD	POOR	POOR
ELECTRICAL CONDUCTIVITY RESISTANCE	POOR	GOOD	GOOD	GOOD	POOR	POOR
FLEXING ENDURANCE	1	2	3	6	4	5
SPECIFIC GRAVITY	1.14	1.38	.90	.95	1.38	1.54
STORAGE REQUIREMENTS	WET OR DRY	WET OR DRY	WET OR DRY	WET OR DRY	DRY ONLY	DRY ONLY

*2" DIAMETER OR GREATER



Polypropylene

POLYPROPYLENE rope is flexible and lightweight. It is rot-resistant and floats in water; it resists oil, water, gasoline and most chemicals. An economical general purpose rope. Available twisted or braided.



Blue Steel™

BLUE STEEL™ a is high-tenacity copolymer polyolefin rope, that offers easy handling and excellent abrasion resistance. It floats and exhibits excellent UV characteristics. An economic general purpose rope.



Poly-Dac

POLY-DAC is polyester strands around polypropylene core yarns. This rope exhibits the same qualities as polypropylene, with better abrasion resistance, relatively low stretch, and better resistance to UV rays.



Polyester

POLYESTER is very strong and has excellent resistance to abrasion. It stretches much less than nylon, making it popular for marine and industrial applications. It is resistant to UV rays, rot, oil and most chemicals.



Nylon

NYLON is known for its elasticity and tremendous shock absorbing qualities. It has good abrasion resistance, is rot proof and resists UV, oil and most chemicals. Will last 4-5 times longer than natural fiber ropes.



High-Strength Synthetic

PLASMA, DYMAX & SUPERMAX ropes all offer excellent strength, low stretch and excellent abrasion resistance. Often comparable in strength to wire rope of similar diameter, these are superior industrial work ropes.

The Cordage Institute publishes standards for strengths, weights and testing procedures. Please contact CWC for a copy of the publications list.

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Rope Specifications

Nominal Size			Polypropylene 3 Strand & 8 Braid			Poly/Dac™ 3 Strand & 8 Braid			Nylon 3 Strand & 8 Braid		
			Linear Density	Min Breaking Force	Working Load Ratio	Linear Density	Min Breaking Force	Working Load Ratio	Linear Density	Min Breaking Force	Working Load Ratio
Approx Dia	Size # (Circ)	Approx mm	Approx Lbs/100'	Lbs	Range Ratio	Approx Lbs/100'	Lbs	Range Ratio	Approx Lbs/100'	Lbs	Range Ratio
3/16"	5/8"	5	0.65	650	5 - 12 to 1				0.89	880	5 - 12 to 1
1/4"	3/4"	6	1.15	1,125	5 - 12 to 1	1.6	1,200	5 - 12 to 1	1.57	1,485	5 - 12 to 1
5/16"	1"	8	1.80	1,710	5 - 12 to 1	2.5	1,870	5 - 12 to 1	2.45	2,295	5 - 12 to 1
3/8"	1-1/8"	10	2.60	2,430	5 - 12 to 1	3.6	2,700	5 - 12 to 1	3.55	3,240	5 - 12 to 1
7/16"	1-1/4"	11	3.50	3,150	5 - 12 to 1	4.8	3,500	5 - 12 to 1	4.80	4,320	5 - 12 to 1
1/2"	1-1/2"	12	4.60	3,780	5 - 12 to 1	6.2	4,400	5 - 12 to 1	6.30	5,670	5 - 12 to 1
9/16"	1-3/4"	14	5.90	4,590	5 - 12 to 1	7.9	5,200	5 - 12 to 1	8.00	7,200	5 - 12 to 1
5/8"	2"	17	7.20	5,580	5 - 12 to 1	9.5	6,100	5 - 12 to 1	9.90	8,910	5 - 12 to 1
3/4"	2-1/4"	18	10.4	7,650	5 - 12 to 1	13.5	8,400	5 - 12 to 1	14.30	12,780	5 - 12 to 1
13/16"	2-1/2"	20	12.70	8,900	5 - 12 to 1						
7/8"	2-3/4"	22	14.2	10,350	5 - 12 to 1	18	11,125	5 - 12 to 1	19.50	17,280	5 - 12 to 1
1"	3"	24	18.0	12,825	5 - 12 to 1	21.8	13,175	5 - 12 to 1	25.30	22,230	5 - 12 to 1
1-1/8"	3-1/2"	28	22.8	16,000	5 - 12 to 1	27.1	16,325	5 - 12 to 1	32.20	28,260	5 - 12 to 1
1-1/4"	3-3/4"	30	27.6	19,350	5 - 12 to 1	33.4	19,900	5 - 12 to 1	39.70	34,830	5 - 12 to 1
1-5/16"	4"	32	30.4	21,150	5 - 12 to 1	36.5	21,950	5 - 12 to 1	43.70	38,250	5 - 12 to 1
1-1/2"	4-1/2"	36	39.4	27,350	5 - 12 to 1	47	28,250	5 - 12 to 1	57.00	48,600	5 - 12 to 1
1-5/8"	5"	40	46.0	31,950	5 - 12 to 1	55	32,950	5 - 12 to 1	67.30	57,375	5 - 12 to 1
1-3/4"	5-1/2"	44	53.0	36,900	5 - 12 to 1	62	36,850	5 - 12 to 1	78.00	66,150	5 - 12 to 1
2"	6"	48	69.0	46,800	5 - 12 to 1	81	48,050	5 - 12 to 1	100.00	84,600	5 - 12 to 1
2-1/8"	6-1/2"	52	78.0	52,650	5 - 12 to 1	91	53,950	5 - 12 to 1	113.00	95,400	5 - 12 to 1
2-1/4"	7"	56	88.0	59,400	5 - 12 to 1	101	59,950	5 - 12 to 1	127.00	107,100	5 - 12 to 1
2-1/2"	7-1/2"	60	107	72,000	5 - 12 to 1	124	73,550	5 - 12 to 1	157.00	131,400	5 - 12 to 1
2-5/8"	8"	64	120	80,500	5 - 12 to 1	136	80,650	5 - 12 to 1	173.00	144,000	5 - 12 to 1
2-3/4"	8-1/2"	68	141	94,500	5 - 12 to 1	161	95,400	5 - 12 to 1	208.00	171,000	5 - 12 to 1
3"	9"	72	153	102,600	5 - 12 to 1	174	102,900	5 - 12 to 1	226.00	185,400	5 - 12 to 1
3-1/4"	10"	80	186	121,500	5 - 12 to 1	212	122,800	5 - 12 to 1	275.00	224,100	5 - 12 to 1
3-1/2"	11"	88	223	144,000	5 - 12 to 1	250	144,800	5 - 12 to 1	329.00	267,300	5 - 12 to 1
4"	12"	96	272	171,900	5 - 12 to 1	300	171,000	5 - 12 to 1	400.00	324,000	5 - 12 to 1
4-1/4"	13"	104	315	198,000	5 - 12 to 1	345	195,800	5 - 12 to 1	450.00	369,000	5 - 12 to 1
4-1/2"	14"	112	360	223,200	5 - 12 to 1	395	224,800	5 - 12 to 1	525.00	418,500	5 - 12 to 1
5"	15"	120	420	256,500	5 - 12 to 1	455	254,700	5 - 12 to 1	610.00	480,600	5 - 12 to 1
5-5/16"	16"	128	474	287,100	5 - 12 to 1	506	282,600	5 - 12 to 1	685.00	532,800	5 - 12 to 1
5-5/8"	17"	136	531	319,500	5 - 12 to 1	562	312,300	5 - 12 to 1	767.00	589,500	5 - 12 to 1
6"	18"	144	603	358,200	5 - 12 to 1	635	351,000	5 - 12 to 1	870.00	660,600	5 - 12 to 1

- **Diameter** is approximate and is actually determined by linear density. (Pounds per 100')
- **Linear Density** is considered average weight per 100'. Tolerances: 3/16" - 5/16" diameters inclusive +plus or -minus 10%; 3/8" - 9/16" inclusive +plus or -minus 8%; and 5/8" and up +plus or -minus 5%.
- **New rope Minimum Breaking Strength** is based on data from a number of manufacturers and represents a value of 2 standard deviations below the mean, established by regression analysis.
- For critical applications where life or limb of **Dynamic Loading** is present, use the higher ratio division. Example: 10,000 pounds ÷12 = 833 pounds working load ratio.

Nominal Size			Polyester 3 Strand & 8 Braid			Manila 3 Strand			Sisal 3 Strand		
			Linear Density	Min Breaking Force	Working Load Ratio	Linear Density	Min Breaking Force	Working Load Ratio	Linear Density	Min Breaking Force	Working Load Ratio
Approx Dia	Size # (Circ)	Approx mm	Approx Lbs/100'	Lbs	Range Ratio	Approx Lbs/100'	Lbs	Range Ratio	Approx Lbs/100'	Lbs	Range Ratio
3/16"	5/8"	5	1.10	765	5 - 12 to 1	1.37	405	5 - 12 to 1	1.37	290	5 - 12 to 1
1/4"	3/4"	6	1.95	1,315	5 - 12 to 1	1.82	540	5 - 12 to 1	1.82	385	5 - 12 to 1
5/16"	1"	8	3.05	2,050	5 - 12 to 1	2.64	900	5 - 12 to 1	2.64	640	5 - 12 to 1
3/8"	1-1/8"	10	4.35	2,900	5 - 12 to 1	3.79	1,215	5 - 12 to 1	3.79	865	5 - 12 to 1
7/16"	1-1/4"	11	5.9	3,915	5 - 12 to 1	4.87	1,575	5 - 12 to 1	4.87	1,120	5 - 12 to 1
1/2"	1-1/2"	12	7.7	5,085	5 - 12 to 1	6.96	2,385	5 - 12 to 1	6.96	1,700	5 - 12 to 1
9/16"	1-3/4"	14	9.8	6,435	5 - 12 to 1	9.63	3,105	5 - 12 to 1	9.63	2,210	5 - 12 to 1
5/8"	2"	17	12.0	7,825	5 - 12 to 1	12.7	3,960	5 - 12 to 1	12.7	2,815	5 - 12 to 1
3/4"	2-1/4"	18	17.2	11,200	5 - 12 to 1	15.9	4,860	5 - 12 to 1	15.9	3,455	5 - 12 to 1
13/16"	2-1/2"	20				18.6	5,850	5 - 12 to 1			
7/8"	2-3/4"	22	23.4	15,225	5 - 12 to 1	21.4	6,930	5 - 12 to 1	21.4	4,930	5 - 12 to 1
1"	3"	24	30.4	19,775	5 - 12 to 1	25.7	8,100	5 - 12 to 1	25.7	5,760	5 - 12 to 1
1-1/8"	3-1/2"	28	38.5	24,800	5 - 12 to 1	34.3	10,800	5 - 12 to 1	34.3	7,680	5 - 12 to 1
1-1/4"	3-3/4"	30	46.5	29,800	5 - 12 to 1	39.7	12,150	5 - 12 to 1	39.7	8,640	5 - 12 to 1
1-5/16"	4"	32	51	32,500	5 - 12 to 1	45.6	13,500	5 - 12 to 1	45.6	9,600	5 - 12 to 1
1-1/2"	4-1/2"	36	67	42,200	5 - 12 to 1	57.0	16,650	5 - 12 to 1	57.0	11,840	5 - 12 to 1
1-5/8"	5"	40	78	49,250	5 - 12 to 1	71.1	20,250	5 - 12 to 1	71.1	14,400	5 - 12 to 1
1-3/4"	5-1/2"	44	91	57,000	5 - 12 to 1	85.0	23,850	5 - 12 to 1	85.0	16,960	5 - 12 to 1
2"	6"	48	117	72,000	5 - 12 to 1	102	27,900	5 - 12 to 1			
2-1/8"	6-1/2"	52	133	81,000	5 - 12 to 1	120	32,400	5 - 12 to 1	120	19,840	5 - 12 to 1
2-1/4"	7"	56	149	90,500	5 - 12 to 1	139	36,900	5 - 12 to 1	139	26,240	5 - 12 to 1
2-1/2"	7-1/2"	60	184	110,000	5 - 12 to 1	164	42,300	5 - 12 to 1	164	30,075	5 - 12 to 1
2-5/8"	8"	64	203	121,000	5 - 12 to 1	182	46,800	5 - 12 to 1	182	33,280	5 - 12 to 1
2-3/4"	8-1/2"	68	243	144,000	5 - 12 to 1	215	54,900	5 - 12 to 1			
3"	9"	72	264	156,000	5 - 12 to 1	230	57,500	5 - 12 to 1	230	40,960	5 - 12 to 1
3-1/4"	10"	80	323	188,500	5 - 12 to 1	284	69,500	5 - 12 to 1			
3-1/2"	11"	88	387	225,000	5 - 12 to 1	349	81,900	5 - 12 to 1			
4"	12"	96	470	270,000	5 - 12 to 1	414	94,500	5 - 12 to 1			
4-1/4"	13"	104	547	310,000	5 - 12 to 1						
4-1/2"	14"	112	630	355,000	5 - 12 to 1						
5"	15"	120	732	410,000	5 - 12 to 1						
5-5/16"	16"	128	825	459,000	5 - 12 to 1						
5-5/8"	17"	136	925	508,500	5 - 12 to 1						
6"	18"	144	1,050	567,000	5 - 12 to 1						

- **Diameter** is approximate and is actually determined by linear density. (Pounds per 100')
- **Linear Density** is considered average weight per 100'. Tolerances: 3/16" - 5/16" diameters inclusive +plus or -minus 10%; 3/8" - 9/16" inclusive +plus or -minus 8%; and 5/8" and up +plus or -minus 5%.
- **New rope Minimum Breaking Strength** is based on data from a number of manufacturers and represents a value of 2 standard deviations below the mean, established by regression analysis.
- For critical applications where life or limb of **Dynamic Loading** is present, use the higher ratio division. Example: 10,000 pounds ÷12 = 833 pounds working load ratio.

Rope Specifications

Nominal Size			CWC Blue Steel™ Super Strength Poly 3 Strand & 8 Braid			CWC Ice Blue™ Combo Super Strength Blended 3 Strand & 8 Braid			Polyester 12 Strand		
			Linear Density	Min Breaking Force	Working Load Ratio	Linear Density	Min Breaking Force	Working Load Ratio	Linear Density	Min Breaking Force	Working Load Ratio
Approx Dia	Size # (Circ)	Approx mm	Approx Lbs/100'	Lbs	Range Ratio	Approx Lbs/100'	Lbs	Range Ratio	Approx Lbs/100'	Lbs	Range Ratio
3/16"	5/8"	5	.67	950	5 - 12 to 1						
1/4"	3/4"	6	1.17	1,600	5 - 12 to 1						
5/16"	1"	8	2	3,100	5 - 12 to 1						
3/8"	1-1/8"	10	2.5	3,800	5 - 12 to 1	3.3	4,040	5 - 12 to 1	4.4	3,870	5 - 12 to 1
7/16"	1-1/4"	11	3	4,700	5 - 12 to 1	4.5	5,090	5 - 12 to 1	5.9	5,175	5 - 12 to 1
1/2"	1-1/2"	12	4.5	6,600	5 - 12 to 1	5.8	6,240	5 - 12 to 1	7.7	6,700	5 - 12 to 1
9/16"	1-3/4"	14	6	8,900	5 - 12 to 1	7.4	7,830	5 - 12 to 1	9.8	8,350	5 - 12 to 1
5/8"	2"	17	7.7	11,000	5 - 12 to 1	9.5	9,800	5 - 12 to 1	12.1	10,375	5 - 12 to 1
3/4"	2-1/4"	18	9.83	13,900	5 - 12 to 1	12.7	12,700	5 - 12 to 1	17.4	14,850	5 - 12 to 1
7/8"	2-3/4"	22	14.7	20,100	5 - 12 to 1	18	17,470	5 - 12 to 1	23.6	18,800	5 - 12 to 1
1"	3"	24	17.3	23,100	5 - 12 to 1	22	21,300	5 - 12 to 1	30.8	25,650	5 - 12 to 1
1-1/8"	3-1/2"	28	23.7	30,000	5 - 12 to 1	28.8	28,000	5 - 12 to 1	39.0	32,400	5 - 12 to 1
1-1/4"	3-3/4"	30	26.7	32,900	5 - 12 to 1	33.3	34,200	5 - 12 to 1	48.0	39,600	5 - 12 to 1
1-1/2"	4-1/2"	36	39	46,100	5 - 12 to 1	50.5	47,500	5 - 12 to 1	68.8	55,350	5 - 12 to 1
1-5/8"	5"	40	48	55,600	5 - 12 to 1	59.0	60,420		80.5	64,450	5 - 12 to 1
1-3/4"	5-1/2"	44	58.7	66,500	5 - 12 to 1	70.5	66,300	5 - 12 to 1	93.0	74,150	5 - 12 to 1
2"	6"	48	75.2	83,500	5 - 12 to 1	88.7	82,900	5 - 12 to 1	121	96,300	5 - 12 to 1
2-1/8"	6-1/2"	52	84.3	90,725	5 - 12 to 1	100.9	94,240	5 - 12 to 1	136	108,000	5 - 12 to 1
2-1/4"	7"	56	101.5	107,100	5 - 12 to 1	120.3	112,500	5 - 12 to 1	152	120,600	5 - 12 to 1
2-1/2"	7-1/2"	60	115.8	122,300	5 - 12 to 1	134.7	126,000	5 - 12 to 1	188	148,950	5 - 12 to 1
2-5/8"	8"	64	130.9	137,750	5 - 12 to 1	151.7	157,000	5 - 12 to 1	207	163,800	5 - 12 to 1
2-3/4"	8-1/2"	68	155.7	162,165	5 - 12 to 1	178.6	175,940	5 - 12 to 1	248	195,300	5 - 12 to 1
3"	9"	72	169	176,000	5 - 12 to 1	190.8	178,400	5 - 12 to 1	270	212,400	5 - 12 to 1
3-1/4"	10"	80	198	226,700	5 - 12 to 1	234.6	238,830	5 - 12 to 1	329	256,500	5 - 12 to 1
3-1/2"	11"	88	233.5	241,680	5 - 12 to 1	282.4	289,085	5 - 12 to 1	392	305,100	5 - 12 to 1
4"	12"	96	283	319,800	5 - 12 to 1	337.7	341,430	5 - 12 to 1	475	369,000	5 - 12 to 1
4-1/4"	13"	104							550	425,700	5 - 12 to 1
5"	15"	120			5 - 12 to 1				737	567,00	5 - 12 to 1

Continental Western Corporation carries more cordage than reflected in the specification pages of this catalog. For additional specifications on any rope, please contact a customer service representative at your local CWC branch, or refer to the manufacturer.

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Nominal Size			CWC Blue Steel™ Copolymer 12 Strand			Spectra® 12 Strand			Plasma® 12 Strand		
			Linear Density	Min Breaking Force	Working Load Ratio	Linear Density	Min Breaking Force	Working Load Ratio	Linear Density	Min Breaking Force	Working Load Ratio
Approx Dia	Size # (Circ)	Approx mm	Approx Lbs/100'	Lbs	Range Ratio	Approx Lbs/100'	Lbs	Range Ratio	Approx Lbs/100'	Lbs	Range Ratio
1/4"	3/4"	6		1,730	5 - 12 to 1	1.6	6,000	5 - 12 to 1	1.6	8,000	5 - 12 to 1
5/16"	1"	8		3,250	5 - 12 to 1	2.6	9,000	5 - 12 to 1	2.5	11,700	5 - 12 to 1
3/8"	1-1/8"	10		4,110	5 - 12 to 1	3.7	13,900	5 - 12 to 1	3.7	17,500	5 - 12 to 1
7/16"	1-1/4"	11		5,800	5 - 12 to 1	4.2	14,800	5 - 12 to 1	4.2	21,000	5 - 12 to 1
1/2"	1-1/2"	12	5.40	6,900	5 - 12 to 1	6.4	22,500	5 - 12 to 1	6.4	31,300	5 - 12 to 1
9/16"	1-3/4"	14	7.35	9,400	5 - 12 to 1	7.9	27,700	5 - 12 to 1	7.9	37,900	5 - 12 to 1
5/8"	2"	17	9.60	12,200	5 - 12 to 1	10.6	36,600	5 - 12 to 1	10.6	51,400	5 - 12 to 1
3/4"	2-1/2"	18	12.50	15,900	5 - 12 to 1	13.3	43,300	5 - 12 to 1	13.3	68,500	5 - 12 to 1
7/8"	2-3/4"	22	17.00	21,200	5 - 12 to 1	19.6	61,000	5 - 12 to 1	19.6	92,600	5 - 12 to 1
1"	3"	24	19.40	25,200	5 - 12 to 1	23.4	72,000	5 - 12 to 1	23.4	110,000	5 - 12 to 1
1-1/8"	3-1/2"	28	26.50	33,500	5 - 12 to 1	31.9	91,800	5 - 12 to 1	31.9	147,000	5 - 12 to 1
1-1/4"	3-3/4"	30	30.30	37,000	5 - 12 to 1	36.2	102,600	5 - 12 to 1	36.2	165,000	5 - 12 to 1
1-5/16"	4"	32	34.30	42,800	5 - 12 to 1	41.7	114,300	5 - 12 to 1	41.7	196,000	5 - 12 to 1
1-1/2"	4-1/2"	36	43.10	53,200	5 - 12 to 1	51.7	141,300	5 - 12 to 1	51.7	221,000	5 - 12 to 1
1-5/8"	5"	40	53.10	65,600	5 - 12 to 1	65.7	167,400	5 - 12 to 1	65.7	291,000	5 - 12 to 1
1-3/4"	5-1/2"	44	65.50	78,400	5 - 12 to 1	78.4	198,000	5 - 12 to 1	78.4	314,000	5 - 12 to 1
2"	6"	48	80.20	96,000	5 - 12 to 1	91.4	225,000	5 - 12 to 1	91.4	355,000	5 - 12 to 1
2-1/8"	6-1/2"	52	93.50	110,600	5 - 12 to 1	109	270,000	5 - 12 to 1	109	428,000	5 - 12 to 1
2-1/4"	7"	56	108.50	126,600	5 - 12 to 1	122	317,700	5 - 12 to 1	122	481,000	5 - 12 to 1
2-1/2"	7-1/2"	60	124.40	144,700	5 - 12 to 1	148	360,000	5 - 12 to 1	148	530,000	5 - 12 to 1
2-5/8"	8"	64	141.10	162,800	5 - 12 to 1	167	370,800	5 - 12 to 1	167	596,000	5 - 12 to 1
2-3/4"	8-1/2"	68	156.50	181,900	5 - 12 to 1	187	405,000	5 - 12 to 1	187	660,000	5 - 12 to 1
3"	9"	72	178.10	206,900	5 - 12 to 1	214	508,500	5 - 12 to 1	214	780,000	5 - 12 to 1
3-1/4"	10"	80	220.00	250,530	5 - 12 to 1	261	616,500	5 - 12 to 1	261	940,000	5 - 12 to 1
4"	12"	96	314.50	353,400	5 - 12 to 1	394	900,000	5 - 12 to 1	394	1,520,000	5 - 12 to 1

Pictured Below: Break testing of a high-strength 8 braid mooring line.





Continental Western Corporation
2950 Merced Street, Suite 200
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