



TYPES OF ROPE

Manila: Made from the finest Abaca fiber available. Excellent resistance to sunlight, low stretch, and easy to tie a knot. Good surface abrasion resistance.

Polypropylene: A lightweight material with good strength and great versatility. It floats, is resistant to rot, oils, gasoline, most chemicals and is waterproof.

Nylon: High elasticity allows absorption of shock loads which would break other types of rope. Nylon is resistant to rot, oils, gasoline, grease, marine growth or most chemicals. High abrasion resistance.

ROPE WORKING CHARACTERISTICS	RELATIVE MATERIAL VALUES		
	Manila	Polypropylene	Nylon
Strength	Fair	Very Good	Excellent
Shock Load	Fair	Very Good	Excellent
Surface Abrasion	Good	Good	Very Good
Elasticity	Fair	Good	Excellent
Floats	No	Yes	No
RESISTANT TO:			
Rot & Mildew	Poor	Excellent	Excellent
Sunlight	Excellent	Fair	Good
Oil & Gas	Fair	Excellent	Excellent
Acids	Poor	Excellent	Fair
Alkalis	Poor	Fair	Excellent
Storage Wet/Dry	Dry Only	Wet or Dry	Wet or Dry
Affected by heat at	Weakens at 300°	Weakens at 150°	Weakens at 350°

SPECIFICATIONS

We stock three strand rope in manila, nylon, polypropylene and magnus life-line (see specifications on page 78). All are available in 600 ft and 1200 ft coils. MAX. WORKING LOADS: are for rope in good condition with appropriate splices in noncritical applications, and under normal service conditions. Working loads should be reduced where life, limb, valuable property are involved, or for exceptional service conditions such as shock loads, sustained loads, etc.

Nominal Size		RM Manila				RN Nylon				RPP Polypropylene			
Diameter	Circumference	Part Number	Linear Density (lbs/100ft)	Minimum Tensile Strength (lbs)	Max Working Load (lbs)	Part Number	Linear Density (lbs/100ft)	Minimum Tensile Strength (lbs)	Max Working Load (lbs)	Part Number	Linear Density (lbs/100ft)	Minimum Tensile Strength (lbs)	Max Working Load (lbs)
¼"	¾"	RM-0250	2.00	540	54	RN-0250	1.50	1,490	124	RPP-0250	1.20	1,130	113
⅜"	1 ¼"	RM-0375	4.10	1,220	122	RN-0375	3.50	3,340	278	RPP-0375	2.80	2,440	244
½"	1 ½"	RM-0500	7.50	2,380	264	RN-0500	6.50	5,750	525	RPP-0500	4.70	3,780	420
⅝"	2"	RM-0625	13.3	3,960	496	RN-0625	10.5	9,350	935	RPP-0625	7.50	5,600	700
¾"	2 ¼"	RM-0750	16.7	4,860	695	RN-0750	14.5	12,800	1,420	RPP-0750	10.7	7,650	1,090
⅞"	2 ¾"	RM-0875	22.4	6,950	995	RN-0875	20.0	18,000	2,000	RPP-0875	15.0	10,400	1,490
1"	3"	RM-1000	27.0	8,100	1,160	RN-1000	26.4	22,600	2,520	RPP-1000	18.0	12,600	1,800
1 ¼"	3 ¾"	RM-1250	41.6	12,200	1,740	RN-1250	40.0	33,800	3,760	RPP-1250	27.0	18,900	2,700
1 ½"	4 ½"	RM-1500	60.0	16,700	2,380	RN-1500	55.0	47,800	5,320	RPP-1500	38.4	26,800	3,820
2"	6"	RM-2000	106.0	28,000		RN-2000	95.0	95,000		RPP-2000	69.0	52,000	



Do you have a special cordage requirement? Call us - we can supply you with most types of cordage.

CORDAGE

SISAL ROPE

Many uses for light to moderate tie-downs.

20 ENDS (MANY ENDS) INTERTWINED

Product Number	Diameter
RSME-025	1/4"

2.7 ft per lb. Standard Put-Up: 100 lbs FOB Chicago, IL

SINGLE END

Product Number	Diameter
RSSE-025	1/4"

Approx. 2430 ft per 50 lb. coil Standard Put-Up: 50 lb coils FOB Chicago, IL

TWISTED SISAL TWINE

Product Number	Description	Construction
SISAL-1	10# coils	1-Ply
SISAL-2	10# coils	2-Ply
SISAL-1-50	50# coils	1-Ply
SISAL-2-50	50# coils	2-Ply

POLY TYING TWINE

3-ply twine is ideal for reinforcing hems for banner tie cords. Approximately 1800 feet per 10 pound carton. 1-ply twine is strong and excellent for tying bundles, covers, etc. Approximately 5500 feet per 10 pound carton.

Product Number	Construction
E550T	3-Ply
E850T	1-Ply

Standard Put-Up: 10 lb cartons, 4 to 40 lb master carton
FOB Chicago, IL

WOOD SHELL PAINTER BLOCKS

Resultant safe working load. Single - 1,800 lbs
Double - 2,500 lbs. *Ultimate load is 4 times the Resultant Safe Working Load.* Approximate weights: Single - 4 1/2 lbs. Double - 7 lbs.

Product Number	Description
RBS-1	6" single rope block
RBD-6	6" double rope block



We make Rope Falls and Hand Lines. See page 120. Call for quote.

UTILITY CORD

DIAMOND BRAID MULTIFILAMENT POLYPROPYLENE

Provides a high knot retention. Treated with UV stabilizers for extra durability in sunlight. Ends can be fused to prevent fraying. Ideal for reinforcing hems and for drawstrings.

Product Number	Size	Diameter
2010428-D	#4	1/8"
2010623-D	#6	3/16"
2010823-D	#8	1/4"
2011022-D	#10	5/16"
2011221-D	#12	3/8"

Standard Put-Up: 1000 foot spools FOB Chicago, IL

SOLID BRAID MULTIFILAMENT POLYPROPYLENE

Offers excellent knot retention. Treated with UV stabilizers for extra durability in sunlight. Floats and does not absorb water. Perfect for marine applications.

Product Number	Size	Diameter
2010623-S	#4	1/8"
2010623-S	#6	3/16"
2010823-S	#8	1/4"
2011022-S	#10	5/16"
2011221-S	#12	3/8"

Standard Put-Up: 1000 foot spools FOB Chicago, IL

LIFELINE MAGNUS BLENDED ROPE

This rope covers OSHA Standards for attachment to a harness or safety belt. Avail. in 600' & 1200' reels.

Product Number	Diameter	Min. Tensile Strength lbs	Design Factor Range	Working Load Limit Range lbs
RMAG-0625	5/8"	6,500	12-5	542-1300
RMAG-0750	3/4"	8,500	12-5	708-1700