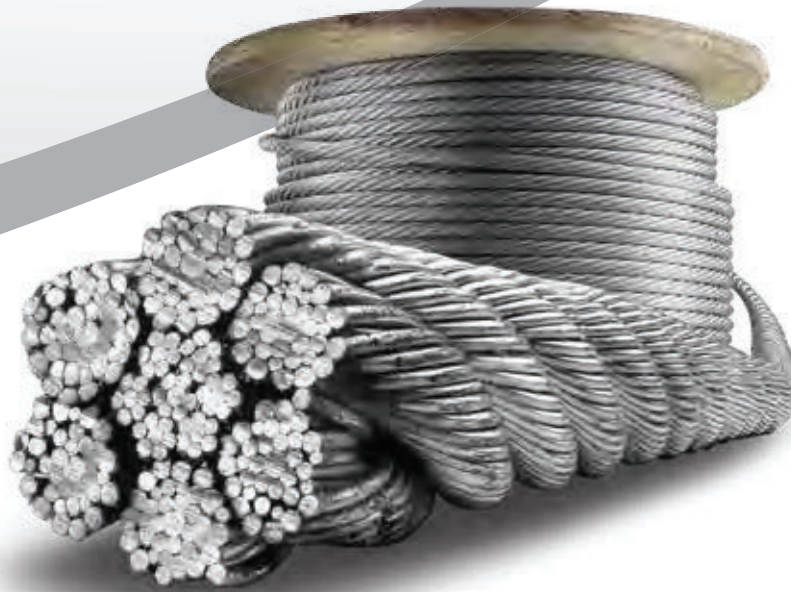


2022/23
CATALOG

NORTHERN  **STRANDS**
Canadian owned and operated since 1970

SYNTHETIC ROPES



DYNEEMA WINCH LINES



12-STRAND DYNEEMA ROPE USES:

Winch Line, Anchor Line, Dock/Mooring Line, Tow Rope, Lanyards, Hand Lines, Hoisting Ropes, Slings, Climbing Rope, Utility Rope.

THE BENEFITS OF DYNEEMA ROPE:

- Upgrade your Winch with stronger Synthetic Winch Rope than Traditional Steel Cables.
- The Synthetic Dyneema Rope won't Kink, Curl or Splinter.
- Extremely Light, Floats in Water.
- Minimal Stretch and Non Rotation.
- Easy to Handle Splice, No Sharp Frays.
- Good Resistance to UV and Chemicals.
- Workable below -20 degree celsius.



DYNEEMA WINCH LINES		
SIZE	AVERAGE TENSILE STRENGTH	LENGTH
3/16"	5,400 LBS	50 FEET
1/4"	8,600 LBS	50 FEET
5/16"	12,700 LBS	50 FEET

BULK DYNEEMA		
BULK SIZE	AVERAGE TENSILE STRENGTH	LENGTH
3/16"	5,500 LBS.	BULK
1/4"	9,030 LBS.	BULK
5/16"	13,436 LBS.	BULK
3/8"	20,700 LBS.	BULK
1/2"	34,360 LBS.	BULK
5/8"	50,220 LBS.	BULK
3/4"	70,925 LBS.	BULK

DOUBLE BRAIDED POLYESTER ROPE

(WITH OR WITHOUT PADDED EYES)



Our premium double braided polyester rope designed for general marine, industrial, and commercial use where low elongation, high strength, and abrasion resistance are required. Constructed from the highest quality UV stabilized yarns.

FEATURES:

- Specific Gravity of 1.38
- Low Elongation
- High Strength
- Excellent Dielectrics
- Abrasion Resistance
- UV Stabilized Cover

AVAILABLE SUGGESTED USES:

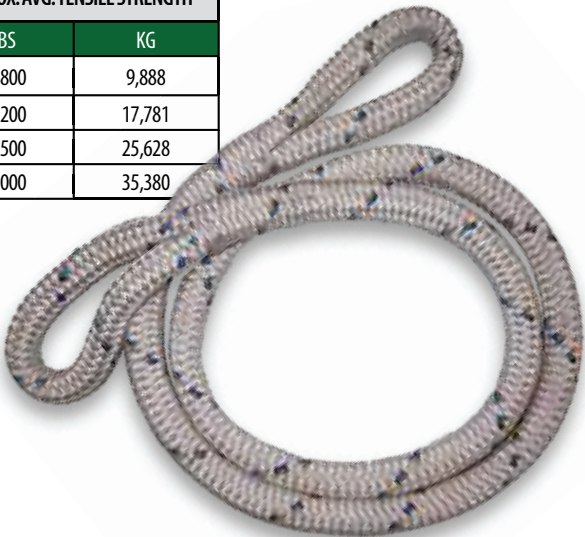
- Vehicle Recovery
- Winch Lines
- Pulling Lines
- Retrieval Lines
- Towing

EYE SPLICE METHOD:

- Double Braid Class 1

SIZE		CIRC. INCH	APPROX. WEIGHT		APPROX. AVG. TENSILE STRENGTH	
DIA. IN	DIA. MM		LBS/100FT	KG/100M	LBS	KG
3/4"	19	2-1/4"	18.2	27.1	21,800	9,888
1"	25	3"	33.3	49.6	39,200	17,781
1-1/4"	32	3-3/4"	52.5	78.1	56,500	25,628
1-1/2"	38	4-1/2"	71.5	106.4	78,000	35,380

Larger sizes available. Custom lengths available upon request.



8 STRAND TOW ROPE

(WITH OR WITHOUT PADDED EYES)



Our premium 8 Strand Tow rope is manufactured from high tenacity polypropylene yarns, Superdan offers easy handling, high strength and excellent abrasion resistance.

APPLICATIONS:

- Mooring lines
- General and commercial fishing rope
- Anchor lines
- Equipment towing
- Tractor towing

TECHNICAL SPECS:

- Class II Rope
- Specific Gravity: 0.91
- Elastic Elongation Percentage: At % of breaking strength – 20-22%
- Splicing Procedures Required
- Eye splice – 8-strand/Class II Rope
- End for End splice – 8-strand/Class II Rope

FEATURES:

- Excellent anti-abrasion properties contribute to longer working life
- High UV light resistance
- Highly flexible, easy to handle
- 50% better breaking strength compared to BS and ISO standards

Dia.	Circ.	Dia. mm	Weight per 100 ft.	Min. Break Strength/LBS
1-5/8"	5	40	53.1	62,500
2"	6	48	80.2	91,400
2-1/4"	7	56	108.5	120,600
2-5/8"	8	64	141.1	155,000
3"	9	72	178.1	197,100



3 STRAND

GENERAL PURPOSE POLY ROPE



FEATURES:

- Color yellow
- 100% high tenacity monofilament fiber
- Holds knots well
- Floats

APPLICATIONS:

- Recreation
- Hunting
- General construction
- Tarping
- Camping
- Boating

TECHNICAL SPECIFICATIONS:

- General purpose poly
- Specific gravity: 98 (floats)
- Easy to splice
- Eye splice
- End for end splice

SIZE	LENGTH
3/16"	2125 FT.
1/4"	1300 FT.
5/16"	975 FT.
3/8"	630 FT.
1/2"	335 FT.
5/8"	200 FT.
3/4"	125 FT.



TOW STRAPS



Benefits of Northern Strands Tow Straps:

- Do not absorb water
- Polyester slings that reduce stretching
- Padded eye to reduce wear
- Tagged and certified for breaking strength

GREEN

- 2 Ply, 32,000lbs **Green 2" x 20'**
- 2 Ply, 32,000lbs **Green 2" x 30'**

GREY

- 2 Ply, 64,000lbs **Grey 4" x 30'**
- 2 Ply, 64,000lbs **Grey 4" x 50'**

* Available with D-Rings or without

BLUE

- 2 Ply, 128,000lbs **Blue 8" x 30'**
- 2 Ply, 128,000lbs **Blue 8" x 50'**

* Available with D-Rings or without

YELLOW

- 2 Ply, 48,000lbs **Yellow 3" x 20'**
- 2 Ply, 48,000lbs **Yellow 3" x 30'**

BROWN

- 2 Ply, 96,000lbs **Brown 6" x 20'**
- 2 Ply, 96,000lbs **Brown 6" x 30'**
- 2 Ply, 96,000lbs **Brown 6" x 50'**

* Available with D-Rings or without

ORANGE

- 2 Ply, 160,000lbs **Orange 10" x 30'**
- 2 Ply, 160,000lbs **Orange 10" x 50'**
- 2 Ply, 192,000lbs **Orange 12" x 30'**
- 2 Ply, 192,000lbs **Orange 12" x 50'**

* Available with D-Rings or without

Common Tow Straps in stock. Other sizes available upon request.

Available with D-Rings or without

SYNTHETIC SOFT SHACKLES



Soft Shackles are an excellent lightweight replacement for steel shackles. This type of shackle can also be easily wrapped around difficult pulling points and not scratch vehicle paint. The Soft Shackle is complete with a locking system for ease of use and a slip ring for extra security. Made with high-strength durable Dyneema Synthetic Rope, the Soft Shackle is constructed with one piece of material. This means that there are no pins that need to be fastened.*

Size	COLOUR	BREAKING STRENGTH
5/16"	ORANGE SOFT SHACKLE	8,850 KG
3/8"	GREEN SOFT SHACKLE	13,650 KG
1/2"	PURPLE SOFT SHACKLE	20,280 KG
9/16"	RED SOFT SHACKLE	24,765 KG
5/8"	BLACK SOFT SHACKLE	28,900 KG



* Rated for Towing
Purposes Only