NORTHERN : STRANDS

All rope end fittings spliced into rope at Northern Strands Saskatoon Manufacturing plant.

NO SPLINTERS, NO KINKS, NO CURLS, NO HASSLE...

Dyneema Winch Lines.

Available at Northern Strands

12-strand Dyneema Rope Uses:

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

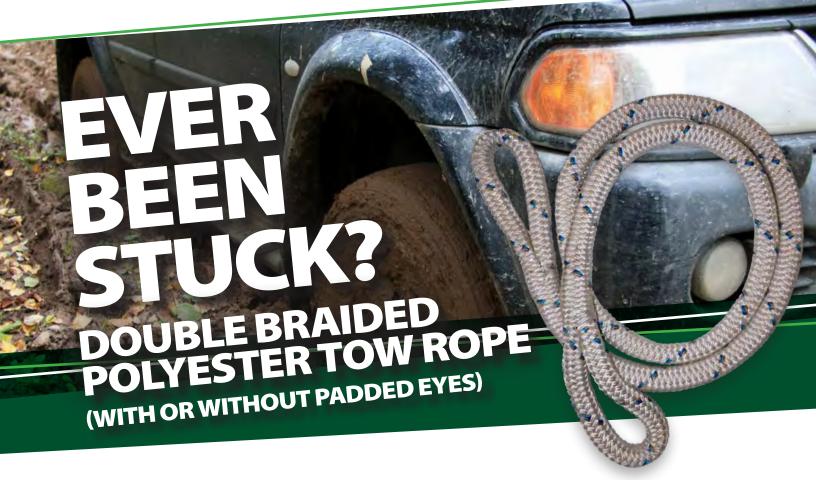
DYNEEMA WINCH LINES			
SIZE	AVERAGE TENSILE STRENGTH	LENGTH	
3/16"	5,400 LBS	50 FEET	
1/4"	8,600 LBS	50 FEET	
5/16"	13,700 LBS	50 FEET	

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	

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 centigrade.

NORTHERN STRANDS



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.

Larger sizes available. Custom lengths available upon request.

Features:

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

Suggested Uses:

- Vehicle Recovery
- Winch Lines

Available

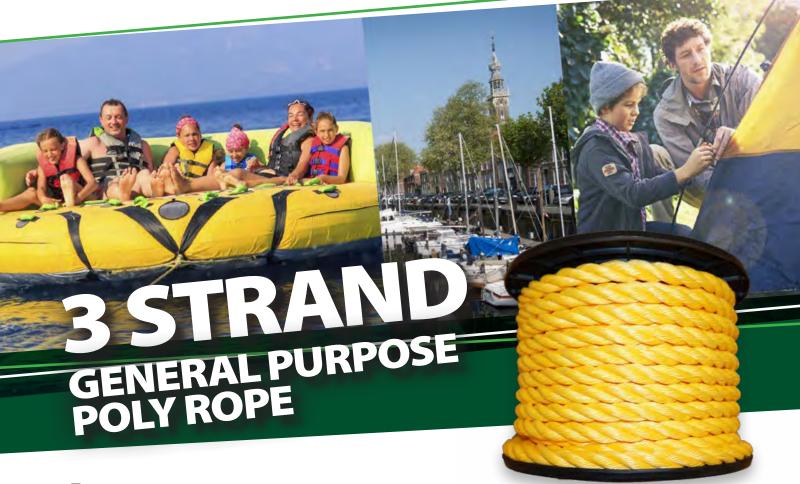
- Pulling Lines
- Retrieval Lines
- Towing

Eye Splice Method:

 Double Braid Class 1

Si	ze	Circ. Inch	Approx.	Weight	Approx. A Stre	
Dia. In	Dia. MM		Lbs/100ft	Kg/100M	Lbs	Kg
3/4"	18	2-1/4"	18.2	27.1	21,800	9,888
1"	24	3"	33.3	49.6	39,200	17,781
1-1/4"	30	3-3/4"	52.5	78.1	56,500	25,628
1-1/2"	36	4-1/2"	71.5	106.4	78,000	35,380

NORTHERN STRANDS



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.



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

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'

BLUE

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

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'

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'

NORTHERN: STRANDS



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	30,550 KG











* Rated for Towing Purposes Only