



# DENVER ROPE - ROPE & CHAIN STRENGTH GUIDE

The Best Custom Boat Lines, Custom Colored Ropes, & Special Assemblies made to Your Specifications

<b>WINDLASS - NYLON 3-STRAND TWISTED</b>			
Diameter	Diameter	Tensile Strength	Working Load
inches	mm	pounds	pounds
3/8"	9	3,700	629
1/2"	12	6,400	1,088
5/8"	16	10,400	1,768
3/4"	18	14,200	2,414
7/8"	22	20,000	3,400
1-0"	24	25,000	4,250

These figures are for brand new rope. Age, wear, sunlight exposure, splices, and knots will further reduce these figures over time.

<b>WINDLASS CHAIN - G4 HIGH TEST</b>			
Diameter	Diameter	Tensile Strength	Working Load
inches	mm	pounds	pounds
1/4"	6	-	2,600
5/16"	8	-	3,900
3/8"	9	-	5,400
1/2"	12	-	9,200
5/8"	16	-	13,000
3/4"	18	-	20,200

ACCO Brand Premium Hot Galvanized Chain. Used for Windlasses and Pleasure Marine. High test carbon steel provides both high tensile strength and resistance to wear. ISO short link dimensions. Best weight to W.L. ratio.

<b>WINDLASS - NYLON 8-PLAIT</b>			
Diameter	Diameter	Tensile Strength	Working Load
inches	mm	pounds	pounds
3/8"	9	-	-
1/2"	12	6,400	1,600
5/8"	16	11,000	2,750
3/4"	18	17,000	4,250
7/8"	22	-	-
1-0"	24	-	-

These figures are for brand new rope. Age, wear, sunlight exposure, splices, and knots will further reduce these figures over time.

<b>WINDLASS CHAIN - BBB</b>			
Diameter	Diameter	Tensile Strength	Working Load
inches	mm	pounds	pounds
1/4"	6	-	1,325
5/16"	8	-	1,950
3/8"	9	-	2,750
1/2"	12	-	4,750
5/8"	16	-	-
3/4"	18	-	-

ACCO Brand BBB Hot Galvanized Chain. Used for Windlasses and Pleasure Marine. A low carbon steel, general purpose chain, with short compact link. The short link makes it more flexible and ideally suited as anchor chain.

For customer service and inquiries please call John 303-809-7274 or email [john@denverrope.com](mailto:john@denverrope.com);  
[www.denverrope.com](http://www.denverrope.com)



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Stainless WINDLASS CHAIN - G4 HIGH TEST			
Diameter	Diameter	Tensile Strength	Working Load
inches	mm	pounds	pounds
1/4"	6	-	2,000
5/16"	8	-	2,400
3/8"	9	-	3,550
1/2"	12	-	6,500
5/8"	16	-	-
3/4"	18	-	-

Suncor Brand Stainless Steel Anchor Chain.

Stainless WINDLASS CHAIN - BBB			
Diameter	Diameter	Tensile Strength	Working Load
inches	mm	pounds	pounds
1/4"	6	-	2,000
5/16"	8	-	2,400
3/8"	9	-	3,550
1/2"	12	-	6,500
5/8"	16	-	-
3/4"	18	-	-

Suncor Brand Stainless Steel Anchor Chain.