

Braided Chain Slings



VERSITEC MARINE E INDUSTRIAL S.A. DE C.V.



Our Braided Chain Slings are made from Grade 100 alloy chain and have the strength and durability to handle the most challenging applications. They can withstand high temperatures and are resilient to the harshest environmental conditions. Braided Chain Slings are available in a range of sizes from 7/32" to 1/2" chain links and can be made with a standard hook friendly link or choker end link.

Features and Benefits:

- Resistance to abrasion and cutting.
- 100% Proof test on each sling
- Wide bearing area helps distribute the load
- High strength steel end links with G100 chain parts
- End links fit most crane hooks and are customizable
- Length, width, and capacity are customizable
- Low stretch
- Repairable
- Hard stamped with a serial number for traceability

Grade 30 Proof Coil Chain

A general-purpose chain of standard commercial quality. Made from low-carbon steel, this chain is frequently used for fabricating tow chains, logging chains, and when appropriate, tie down or binding chains. The manufacturer's symbol and grade (3, 30, or 300) is marked on chain links approximately every 12 inches. This chain should not be used in overhead lifting applications.

Grade 40 High-Test Chain

Commonly used in the trucking industry for tie downs meeting DOT specifications, this chain is made of steel with increased carbon content. Compared to proof coil chain of the same size, this high-test chain increases working load limits by a factor of 2:1. The manufacturer's symbol and grade (4, 40, 43, or 400) is marked on chain links approximately every 12 inches. This chain should not be used in overhead lifting applications.

Grade 70 Transport Chain

As its name implies, transport chain is primarily used to tie down loads on over-the-road equipment. Made from heat-treated carbon steel, it is about 25% stronger than high-test chains. The manufacturer's symbol and grade (7, 70, or 700) is marked on chain links approximately every 12 inches. This chain should not be used in overhead lifting applications.

Grade 80 Alloy Chain

Designed to stretch a minimum of 15% before breaking, alloy chain is the only grade of chain approved for overhead lifting by OSHA and other agencies. Its heat-treated alloy steel makes it ideal for lifting slings and heavy-duty tow chains. The manufacturer's symbol and grade (8, 80, or 800) is marked on chain links approximately every 12 inches. This chain is suitable for overhead lifting applications.

The most recent alloy chain provides about 25% higher working load limits than Grade 80 alloy chain with some limitations reported in lower ambient temperatures and availability of fittings. The manufacturer's symbol and grade marking: 10 or 100 is placed on the chain links every foot or so. Suitable for overhead lifting.



Grade 100 Alloy Chain

Grade 100, the most recently developed alloy chain, improves on Grade 80 chain's working load limits by about 25%, though that figure is impacted by lower ambient temperatures and the availability of fittings. The manufacturer's symbol and grade (10 or 100) is marked on chain links approximately every 12 inches. This chain is suitable for overhead lifting applications.

Chain Ratings



Spectrum Alloy Chain

Grade 100 Chain Sling Components



Working load limit - 4 to 1 design factor

Chain Size								
(in.)	(mm)	Single Leg		Double Leg		Triple & Quad Leg		
-	6	3200	5500	4500	3200	8300	6800	4800
1/4 (9/32)	7	4300	7400	6100	4300	11200	9100	6400
5/16	8	5700	9900	8100	5700	14800	12100	8500
3/8	10	8800	15200	12400	8800	22900	18700	13200
1/2	13	15000	26000	21200	15000	39000	31800	22500
5/8	16	22600	39100	32000	22600	58700	47900	33900
3/4	20	35300	61100	49900	35300	91700	74900	52950
7/8	22	42700	74000	60400	42700	110900	90600	64000
1	26	59700	109400	84400	59700	155100	126000	89550

*For choker applications, the working load limit must be reduced by 20%. The Crosby A-1338 cradle grab hook doesn't require any reduction of the working load limit. The design factor of 4:1 on Spectrum 10 alloy chain agrees with the design factor used by the International Standards Organization (ISO) and ANSI B30.9 and is the preferred set of working load limit values to be used.

All Grade 100 fittings shown below can also be attached to Grade 80 chain.



Holloway Houston offers a wide array of chain slings. Please contact us for more information on custom chain slings.