

# WARNINGS AND WARRANTY INFORMATION

**IMPORTANT WARNING** - Tie Down Engineering assumes no responsibility for the use or misuse of any products sold. All products must be stored, used and maintained in conformity with normal safety practices and OSHA safety standards. All products should be inspected regularly; worn or deformed products should be replaced. It is the owners and users responsibility to determine the proper use of a particular product. The limits provided by Tie Down Engineering apply to only new or "in as new" products and are based upon usual environmental conditions. *Please read and understand all operating instructions, warnings and cautions.*

## **NEVER EXCEED WORKING LOAD LIMIT OF ANY PRODUCT!!!**

Working Load Limit – The maximum load or force, which should be applied to a product. Based upon a straight, in-line pull, new product and usual working and environmental conditions. The term is also referred to as Safe Working Load. Do not use this product for support of human weight, playground equipment or situations where personal safety or property could be endangered.

## **IMPORTANT CAUTIONS**

**Very important cautions that must be observed when using any cable product.**

1. Never exceed the Working Load Limit
2. Be familiar with the correct application
3. Provide regular inspections of products
4. Avoid shock loads
5. Stay clear of raised loads
6. Be aware of unusual environmental or working conditions, they may require reducing the working load limit.
7. Galvanized and stainless steel aircraft cables are not for aircraft use.
8. Wire rope fittings must be installed over bare cable only and are not to be used on a vinyl coated cable without first stripping off the vinyl coating.
9. Use only professionally made slings for overhead lifting.

## **WARRANTY INFORMATION**

TIE DOWN Cable is warranted to be free from manufacturing and material defects for the life of the product. The limits provided by Tie Down Engineering apply to only new or "in as new" products and are based upon usual environmental conditions. Contact customer service at Tie Down Engineering, 1-800-241-1806 for claim service. If materials or manufacturing workmanship are found to be defective, Tie Down Engineering will at its sole discretion either replace the defective product or refund the purchase price.

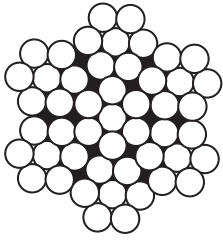
### **What is not covered by this warranty?**

Damage caused by failure to comply with the manufacturer's guidelines, by faulty connection, improper application, or in violation of marine codes or restrictions. Damage attributed to fire, violent storms, earthquake, or to exposure of atmospheric pollutants or conditions other than natural weathering processes. Cost of installation, removal, labor, freight and similar related costs. Any incidental or consequential damages.

The manufacturer of this product does not recommend or approve this product for all possible end use applications. This warranty gives you specific and legal rights, and you may also have other rights, which may vary from state to state, or province to province.

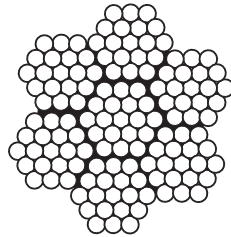
The warranty statements contained in this limited warranty set forth the only express warranties extended by the manufacturer for its products. The provisions of this warranty shall constitute the entire liability of the manufacturer, and the property owner's exclusive remedy for breach of the warranty. The manufacturer disclaims any implied warranty or merchantability or fitness for any particular purpose.





### 7 x 7 Construction (Flexible)

This is the semi-flexible construction mainly specified for aircraft cable in 1/32" to 3/8" sizes. Strong, long lasting. Ideal for supporting weight and for transmitting mechanical power.



### 7 x 19 Construction (Extra Flexible)

Standard flexible aircraft and stainless steel cable in 1/16" to 3/8" sizes. Tough construction resists crushing. Used where flexibility and good resistance to wear are required.

	Diameter Inches	Diameter Tolerances	Lbs/m/f.	Galvanized Breaking Strength (in Lbs.)	Safe Working Load (SWL in Lbs.)	Stainless Steel Breaking Strength (in Lbs.)	Safe Working Load (SWL in Lbs.)
<b>7 x 7 Construction</b>	1/32	+.006-0	1.6	110	22	110	22
	1/64	+.006-0	4.2	270	54	270	54
	1/16	+.010-0	7.5	480	96	480	96
	5/64	+.010-0	11	650	130	650	130
	3/32	+.012-0	16	920	184	920	184
	1/8	+.014-0	28	1,700	340	1,700	340
	5/32	+.016-0	43	2,600	520	2,600	520
	3/16	+.018-0	62	3,700	740	3,700	740
	7/32	+.018-0	83	4,800	960	4,800	740
	1/4	+.018-0	106	6,100	1,220	6,100	1,220
	9/32	+.020-0	134	7,600	1,520	7,600	1,520
	5/16	+.022-0	167	9,200	1,840	9,100	1,820
3/8	+.028-0	236	13,100	2,620	12,600	2,520	
<b>7 x 19 Construction</b>	1/16	+.010-0	7.5	----	----	480	96
	3/32	+.012-0	16	920	184	920	184
	1/8	+.014-0	29	2,000	400	1,760	352
	5/32	+.016-0	45	2,800	560	2,400	480
	3/16	+.018-0	65	4,200	840	3,700	740
	7/32	+.018-0	86	5,600	1,120	5,000	1,000
	1/4	+.018-0	110	7,000	1,400	6,400	1,280
	9/32	+.020-0	139	8,000	1,600	7,800	1,560
	5/16	+.022-0	173	9,800	1,960	9,000	1,800
	11/32	+.024-0	207	12,500	2,500	-----	-----
	3/8	+.028-0	243	14,400	2,880	12,000	2,400

**NEVER EXCEED WORKING LOAD LIMIT OF ANY PRODUCT!!!**