



PRODUCT CATALOG

Galvanized Strand



- ▶ Meets or exceeds ASTM Specifications A475 or ASTM A363
- ▶ Excellent corrosion resistance

Combine the strength of high carbon steel wire with the excellent corrosion resistance of Class A, ASTM B6 High Grade, hot-dip zinc coating. Add a long history of service to the transmission industry, the pre-engineered building industry, the construction industry, and municipalities and you get strand that you can count on year after year.

Typical applications:

- ▶ Overhead ground wire strand for power transmission lines
- ▶ Messenger strand for telephone and CATV lines
- ▶ Guy strand for power distribution poles, telephone poles and microwave and radio towers
- ▶ Wind bracing in pre-engineered buildings
- ▶ Barrier cable and guard rail strand
- ▶ Other guying applications where small size, high strength and corrosion resistance are necessary

Our Galvanized Steel Strand meets or exceeds ASTM Specifications A475 or ASTM A363. Each manufacturing run tests the following:

- ▶ Minimum Breaking Force (see chart)
- ▶ Ultimate Elongation (High Strength 5%--Extra High Strength and Utilities Grade 4%)
- ▶ Individual wire tolerances
- ▶ Wire Coating weight—ASTM Method A90
- ▶ Wire wrap test for coating adherence
- ▶ Wire wrap test for steel ductility
- ▶ Preforming check

Nominal Diameter of Strand (in.)	Number of Wires	Nominal Diameter of Coated Wires (in.)	Approx. Wt. Of Strand (lb/1000 ft.)	Utilities Grade	Minimum Breaking Force of Strand (lb.)	
					High Strength Grade	Extra-High Strength Grade
3/16	7	0.062	73	—	2850	3990
7/32	7	0.072	98	—	3850	5400
1/4	7	0.08	121	—	4750	6650
9/32	7	0.093	164	—	6400	8950
5/16	7	0.104	205	—	8,000*	11,200*
3/8	7	0.12	273	11,500*	10,800*	15,400*
7/16	7	0.145	399	18000	14,500*	20,800*
1/2	7	0.165	517	25000	18,800*	26,900*
1/2	19	0.1	504	—	19100	26700
9/16	7	0.188	671	—	24500	35000
9/16	19	0.113	637	—	24100	33700

5/8	7	0.207	813	—	29600	42400
5/8	19	0.125	796	—	28100	40200
3/4	19	0.15	1155	—	40800	58300
7/8	19	0.177	1581	—	55800	79700
1	19	0.2	2073	—	73200	104500
1 1/8	37	0.161	2691	—	91600	130800
1 1/4	37	0.179	3248	—	113600	162200
*ASTM A 363 (Weldless) is also available in these sizes and grades upon request.						

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