

Galvanized strand products

Our galvanized strand products meet or exceed ASTM Specifications A475 and ASTM A363. Strands are tested for:

- > Minimum breaking strength.
- > 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.

PHYSICAL PROPERTIES OF ZINC-COATED STEEL WIRE STRAND

Nominal diameter of strand (in.)	Number of wires	Nominal diameter of coated wires (in.)	Approx. weight of strand (lbs./1000 ft.)	UTILITIES GRADE	Minimum breaking strength of strand (lbs.)	
					HIGH STRENGTH GRADE	EXTRA-HIGH STRENGTH GRADE
3/16	7	.062	73	–	2,850	3,990
7/32	7	.072	98	–	3,850	5,400
1/4	7	.080	121	–	4,750	6,650
9/32	7	.093	164	–	6,400	8,950
5/16	7	.104	205	–	8,000*	11,200*
3/8	7	.120	273	11,500*	10,800*	15,400*
7/16	7	.145	399	18,000	14,500*	20,800*
1/2	7	.165	517	25,000	18,800*	26,900*
1/2	19	.100	504	–	19,100	26,700
9/16	7	.188	671	–	24,500	35,000
9/16	19	.113	637	–	24,100	33,700
5/8	7	.207	813	–	29,600	42,400
5/8	19	.125	796	–	28,100	40,200
3/4	19	.150	1,155	–	40,800	58,300
7/8	19	.177	1,581	–	55,800	79,700
1	19	.200	2,073	–	73,200	104,500
1 1/8	37	.161	2,691	–	91,600	130,800
1 1/4	37	.179	3,248	–	113,600	162,200

*ASTM A363 (weldless) is also available in these sizes and grades upon request.