

# Class A Galvanized Steel Strand

## Product Description

Concentric-lay stranded conductors made of Zinc-coated Steel wires.

## Application

Commonly used for overhead ground/shield wire, guys and messengers, and for steel core in ACSR conductors.

## Specifications

ASTM A363 – This specification covers concentric lay stranded steel wire composed of three or seven wires with a Class A coating specifically intended for use as overhead ground/shield wires for transmission lines. ASTM A475 – This specification covers the five grades of class A zinc-coated steel wire strand, Utilities, Common, Siemens-Martin, High-Strength, and Extra High-Strength, suitable for use as guy and messenger wires. ASTM B498 – This specification covers round, class A zinc-coated, steel core wire used for the reinforcement of ACSR conductors.

Galvanized Steel Strand				Minimum Breaking Strength (lbs.)					Minimum Weight of Coating OZ/SQ. FT.	
Strand Diameter (Inches)	Coated Wire Diameter (Inches)	Wires Per Strand	Strand Weight lbs./1,000 ft.	Utilities Grade	Common Grade	Siemens-Martin Grade	High Strength Grade	Extra-High Strength Grade	Class A	Conzinal
1/4	.120	3	117	3,150	1,860	3,040	4,730	6,740	.85	.85
1/4	.120	3	117	4,500					.85	.85
5/16	.145	3	171	6,500	2,490	4,090	6,350	9,100	.90	.90
3/8	.165	3	220	8,500	3,330	5,560	8,360	11,800	.90	.90
1/4	.080	7	121		1,900	3,150	4,750	6,650	.60	.60
9/32	.093	7	164	4,600	2,570	4,250	6,400	8,950	.70	.70
5/16	.104	7	205		3,200	5,350	8,000	11,200	.80	.80
5/16	.109	7	225	6,000					.80	.80
3/8	.120	7	273	11,500	4,250	6,950	10,800	15,400	.85	.85
7/16	.145	7	399	18,000	5,700	9,350	14,500	20,800	.90	.90
1/2	.165	7	517	25,000	7,400	12,100	18,800	26,900	.90	.90
9/16	.188	7	671		9,600	15,700	24,500	35,000	1.00	1.00
5/8	.207	7	813		11,600	19,100	29,600	42,400	1.00	1.00
1/2	.100	19	504		7,620	12,700	19,100	26,700	.70	.70
9/16	.113	19	637		9,640	16,100	24,100	33,700	.80	.80
5/8	.125	19	796		11,000	18,100	28,100	40,200	.85	.85
3/4	.150	19	1,155		16,000	26,200	40,800	58,300	.90	.90
7/8	.177	19	1,581		21,900	35,900	55,800	79,700	.90	.90
1	.200	19	2,073		28,700	47,000	73,200	104,500	1.00	1.00

All weights, measurements, and values are nominal.  
All ASTM specifications are per the latest addition.  
Made in U.S.A.

