

Class-A Galvanized Steel Strand

Product Description

Conex Cable, offers standard Class-A Galvanized (Zinc) coated wires that comply with ASTM A475/A363 and IEC Standards in a variety of strengths from Utilities Grade to Extra High Strength. Available in 3, 7 and 19 wire construction.

Conex Cable's galvanizing process is environmentally friendly, without the need for acids or high oxidizing materials to prepare the steel for the galvanization process. This process reduces the ferrite properties of the Zinc coating, making the wires more resistant to cracking when bending than competitive products. Our finished galvanized products are smoother and non-flaky when compared to the competition, making them easier to work with.



Features

Made in the U.S.A.

Conex Cable's Galvanized steel strand is 100% drawn, galvanized and stranded at our plant in the United States allowing us control over the entire production process and therefore the quality of our products. We stand proud behind every product leaving our plant.

Economical Reliability

Conex Cable's high-quality Class-A galvanized steel strand is an extremely economical solution to your wire needs when compared to other alloy coatings. Whether you're supporting power line structures, communication & telephone lines, towers, masts, ACSR conductors or using it to protect important transmission and distribution lines from lightning or occasional fault current situations; Conex's galvanized steel strand will provide the longevity, protection and reliable performance you require.

Applications

- Guy and Messenger Strand
- Overhead Shield Wire (Ground Wire)
- ACSR core wire

Construction and Specifications

— Class-A Galvanized —

- 3 Strand - ASTM A363 / A475 and IEC Standards
- 7 Strand - ASTM A363 / A475 and IEC Standards
- 19 Strand - ASTM A363 / A475 and IEC Standards
- Larger Strands Available - Special Inquiry

— Available Tensile Strengths —

- Utilities Grade
- Common Grade
- Siemens-Martin Grade
- High-Strength Grade
- Extra-High-Strength Grade

Packaging

- Color Coded End-Caps for Grade Identification
- Hand Coils and Non-Returnable Wood Reels are Standard
- Safety Dispensers are Available

Class-A Galvanized Steel Strand

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.