NEHRING
ELECTRICAL WORKS COMPANY

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Galvanized Steel Wire Strands

Nehring is now offering both Galfan and Class A Galvanized Steel in strengths from utility grade to extra-high strength. We offer the coated steel wires in 3-wire, 7-wire, and 19-wire constructions. Packaging is available in 250′ or 500′ hand coils, and reels up to 20,000′ lengths. Colored end-wrapping is used for grade identification.

Coated 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	Galfan
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

GALFAN (95% ZINC/5% ALUMINUM +MISCHMETAL) specifications:
ASTM A855/A855M for Guys and Messengers
ASTM A925 for Overhead Ground/Shield Wire
ASTM B802/B802M, B803/B803M, B958/B958M for core wire in ACSR conductors

CLASS A GALVANIZED STEEL specifications:
ASTM A363 for Overhead Ground/Shield Wire
ASTM A475 for Guys and Messengers
ASTM B498 for core wire in ACSR conductors

End-wrap Color Code for Grade Identification:

Utilities | **Common**

Siemens-Martin | **High Strength**

Extra-High Strength

Manufactured with pride in the U.S.A.