



MITCHELL INDUSTRIES, INC.

STEEL STRAND DATA SHEET

No. of Wires	Nominal Strand Diameter Inches (mm)	Nominal Wire Diameter Inches (mm)	Nominal Net Weight/1000 Feet (kg/m)	Minimum Strength in Pounds (kN)	Elongation in 24 Inch Minimum % ‡	Minimum Weight of Coating (Oz./Ft. ²)		
						A	B	C
Galvanized or Galfan EXTRA HIGH STRENGTH GRADE						A	B	C
3	1/4 (6.35)	.120 (3.05)	117 (.174)	6,740 (29.98)	4	.85	1.70	2.55
3	5/16 (7.94)	.145 (3.68)	171 (.255)	9,100 (40.48)	4	.90	1.80	2.70
3	3/8 (9.53)	.165 (4.19)	220 (.328)	11,800 (52.49)	4	.90	1.80	2.70
Galvanized or Galfan EXTRA HIGH STRENGTH GRADE								
19	1/2 (12.70)	.100 (2.54)	504 (.751)	26,700 (118.77)	4	0.70	1.40	2.10
19	9/16 (14.79)	.113 (2.87)	637 (.948)	33,700 (149.90)	4	0.80	1.60	2.40
19	5/8 (15.88)	.125 (3.18)	796 (1.184)	40,200 (178.82)	4	0.85	1.70	2.55
19	3/4 (19.05)	.150 (3.81)	1,155 (1.719)	58,300 (259.33)	4	0.90	1.80	2.70
19	7/8 (22.23)	.177 (4.50)	1,581 (2,356)	79,700 (354.53)	4	0.90	1.80	2.70

‡Minimum Elongation in a 24-in gauge length of galvanized strand

Standard Specifications:

- ASTM A-475 Zinc-Coated Steel Wire Strand (Guy and Messenger Cable)
- ASTM A-363 Zinc-Coated Steel Overhead Ground (Static) Wire Strand
- ASTM A-855 Zinc-5% Aluminum-Mischmetal Alloy-Coated Steel Wire Strand
- ASTM A-925 Zinc-5% Aluminum-Mischmetal Alloy-Coated Overhead Ground (Static) Wire Strand
- MII can manufacture to other specifications upon request

Standard Packaging:

- 1/4" to 1/2" - 250 & 500' Coils, 1,000', 2,500' and 5,000' Reels
- 9/16" to 5/8" - 1,000', 2,500' and 5,000' Reels
- 3/4" to 7/8" - 1,000' and 2,500' Reels
- Special coil and reel lengths are available upon request

1407 W. Main Street, Mitchell, IN 47446 • 812-849-4931 • FAX 812-849-4924