



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)		
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Galvanized or Galfan EXTRA HIGH STRENGTH GRADE

						A	B	C
7	3/16 (4.76)	.062 (1.57)	73 (.108)	3,990 (17.75)	4	0.50	1.00	1.50
7	1/4 (6.35)	.080 (2.03)	121 (.180)	6,650 (29.58)	4	0.60	1.20	1.80
7	9/32 (7.14)	.093(2.36)	164 (.244)	8,950 (39.81)	4	0.70	1.40	2.10
7	5/16 (7.94)	.104 (2.64)	205 (.305)	11,200 (49.82)	4	0.80	1.60	2.40
7	3/8 (9.52)	.120 (3.05)	273 (.407)	15,400 (68.50)	4	0.85	1.70	2.55
7	7/16 (11.11)	.145 (3.68)	399 (.594)	20,800 (92.52)	4	0.90	1.80	2.70
7	1/2 (12.70)	.165 (4.19)	517 (.768)	26,900 (119.66)	4	0.90	1.80	2.70
7	9/16 (14.79)	.188 (4.78)	671 (.997)	35,000 (155.69)	4	1.00	2.00	3.00
7	5/8 (15.88)	.207 (5.28)	813 (1.211)	42,400 (188.60)	4	1.00	2.00	3.00

Galvanized or Galfan UTILITY, SPECIFICATION OR" M" GRADE

7	5/16 (7.94)	.109 (2.77)	225(.335)	6,000 (26.69)	10	0.80	1.60	2.40
7	3/8 (9.52)	.120 (3.05)	273 (.407)	11,500 (51.16)	4	0.85	1.70	2.55
7	7/16 (11.11)	.145 (3.68)	399 (.594)	18,000 (80.08)	4	0.90	1.80	2.70
7	1/2 (12.70)	.165 (4.19)	517 (.768)	26,900 (119.66)	4	0.90	1.80	2.70

Galvanized or Galfan HIGH STRENGTH GRADE

7	1/4 (6.35)	.080 (2.03)	121 (.180)	4,750 (21.13)	5	0.60	1.20	1.80
7	5/16 (7.94)	.104 (2.64)	205 (.305)	8,000 (35.59)	5	0.80	1.60	2.40
7	3/8 (9.52)	.120 (3.05)	273 (.407)	10,800 (48.04)	5	0.85	1.70	2.55
7	7/16 (11.11)	.145 (3.68)	399 (.594)	14,500 (64.50)	5	0.90	1.80	2.70
7	1/2 (12.70)	.165 (4.19)	517 (.768)	18,800 (83.63)	5	0.90	1.80	2.70

Galvanized or Galfan SIEMENS-MARTIN GRADE

7	1/4 (6.35)	.080 (2.03)	121 (.180)	3,150 (14.01)	8	0.60	1.20	1.80
7	5/16 (7.94)	.104 (2.64)	205 (.305)	5,350 (23.80)	8	0.80	1.60	2.40
7	3/8 (9.52)	.120 (3.05)	273 (.407)	6,950 (30.92)	8	0.85	1.70	2.55
7	7/16 (11.11)	.145 (3.68)	399 (.594)	9,350 (41.59)	8	0.90	1.80	2.70
7	1/2 (12.70)	.165 (4.19)	517 (.768)	12,100 (53.82)	8	0.90	1.80	2.70

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

All galvanized steel strand is of total domestic content and manufacture and produced to meet appropriate ASTM Specs.