



# NATIONAL STRAND

## Stranded Wire Cut Sheet

Since 1984, National Strand has delivered best-in-class American-made stranded wire products to an array of critical infrastructure markets and industrial applications throughout North America and the world.

This cut sheet depicts common sizes, grades, and strand configurations produced by National Strand.

Strand specs produced include but are not limited to...ASTM A475, A363, A855, A925, A111, A586, CSA plus custom specifications as required for your quality critical application.



**National Strand** — Unquestionable Trust, Unwavering Commitment, & Superior Service

## Galvanized & Galfan Coated Guy & Static Strand

GALVANIZED STEEL STRAND				MINIMUM BREAKING STRENGTH IN POUNDS					MINIMUM WEIGHT OF COATING OZ./SQ. FT.		
Strand Diameter Inches	Coated Diameter Inches	Wires Per Strand	Strand Weight/1000 FT	Utilities Grade	Common Grade	Siemens-Martin Grade	High Strength Grade	Extra High Strength Grade	Class A	Class B	Class C
1/4	.120	3	117	3150	1860	3040	4730	6740	.85	1.70	2.55
1/4	.120	3	117	4500					.85	1.70	2.55
5/16	.145	3	171	6500	2490	4090	6350	9100	.90	1.80	2.70
3/8	.165	3	220	8500	3330	5560	8360	11800	.90	1.80	2.70
3/16	.062	7	73		1150	1900	2850	3990	.5	1.0	1.5
3/16	.065	7	80	2400					.5	1.0	1.5
7/32	.072	7	98		1540	2560	3850	5400	.5	1.0	1.5
1/4	.080	7	121		1900	3150	4750	6650	.6	1.2	1.8
9/32	.093	7	164	4600	2570	4250	6400	8950	.7	1.4	2.1
5/16	.104	7	205		3200	5350	8000	11200	.8	1.6	2.4
5/16	.109	7	225	6000					.8	1.6	2.4
3/8	.120	7	273	11500	4250	6950	10800	15400	.85	1.7	2.55
7/16	.145	7	399	18000	5700	9350	14500	20800	.9	1.8	2.7
1/2	.165	7	517	25000	7400	12100	18800	26900	.9	1.8	2.7
9/16	.188	7	671		9600	15700	24500	35000	1.0	2.0	3.0
5/8	.207	7	813		11600	19100	29600	42400	1.0	2.0	3.0
1/2	.100	19	504		7620	12700	19100	26700	.7	1.4	2.1
9/16	.113	19	637		9640	16100	24100	33700	.8	1.6	2.4
5/8	.125	19	796		11000	18100	28100	40200	.85	1.7	2.55
3/4	.150	19	1155		16000	26200	40800	58300	.9	1.8	2.7
7/8	.177	19	1581		21900	35900	55800	79700	.9	1.8	2.7
1	.200	19	2073		28700	47000	73200	104500	1.0	2.0	3.0

# Other Strand Materials

STAINLESS STEEL STRAND		
1 x 7 TYPE 302		
Diameter (Inches)	Breaking Strength (Pounds)	Weight / 1000 FT (Pounds)
1/4	5950	135
9/32	7350	170
5/16	9200	212
3/8	12500	282
7/16	18200	416
1/2	23600	535
1 x 7 TYPE 316		
Diameter (Inches)	Breaking Strength (Pounds)	Weight / 1000 FT (Pounds)
1/4	5950	135
9/32	7350	170
5/16	9200	212
3/8	12500	282
7/16	18200	416
1/2	23600	535

STRUCTURAL BRIDGE STRAND				
Standard Diameter (Inches)	Coated Diameter Inches	Wires Per Strand	Strand Weight / 1000 FT Pounds	Class A Breaking Strength
11/16	.137	19	999	58000
3/4	.150	19	1155	68000
7/8	.177	19	1581	92000
1	.200	19	2073	122000

## Part of The Heico Companies Family

National Strand is a part of The Heico Companies, a privately held, family-owned, American holding company that fosters long-term growth while helping maintain our independence.

As part of The Heico Companies family, we share a global network of resources with our sister companies — **other industry-defining steel manufacturers** who also support local and global economic growth and infrastructure stability.



## Color Coded End Cap Chart

National Strand was the first in the industry to devise color coded end caps for EASY grade identification - **StrandID™**.

UTILITIES	SIEMENS-MARTIN
COMMON	HIGH STRENGTH
EXTRA HIGH STRENGTH	GALFAN
	BRIDGE STRAND

## Why Choose Us?

- **US-Owned & Made**  
Domestic steel ~ USA DOT, BABA, NTIA Compliant
- **Multi-Industry Use**  
Power, telecom, towers, DOT/safety, military & custom applications
- **Premium Quality**  
Meets ASTM & CSA standards for critical performance
- **Infrastructure-Ready**  
Supports grids, cell towers, and transportation systems
- **Advanced New Facility**  
55-acre Baytown, TX plant with modern technology
- **Expanded Capabilities**  
Added ACSR products to strengthen power transmission