



NATIONAL STRAND

A **HEICO** WIRE GROUP COMPANY



***GALVANIZED, GALFAN COATED
& STAINLESS STEEL STRAND***

ELECTRIC UTILITIES | TELECOMMUNICATIONS | TOWERS | CATV | TRAFFIC SIGNALS

QUALITY-CRITICAL **APPLICATIONS**

Strand as Guy Wire

When strand is used for guying high performance utility and communications towers and other support structures, strength is critical. Our strand is sized from 3/16" up to 1" in various grades including Extra High Strength (A475 or A855) and CSA (and others as required) as well as the extra demanding structural (bridge) grade (A586).



Strand as Overhead Ground or Static Wire

Galvanized strand that is used as an overhead ground wire or static wire on transmission towers acts as a shield to prevent lightning strikes from reaching the conductors. The static wires must be large enough in diameter so that the lightning cannot burn through. In most cases, the static wire should be at least 3/8" in diameter.

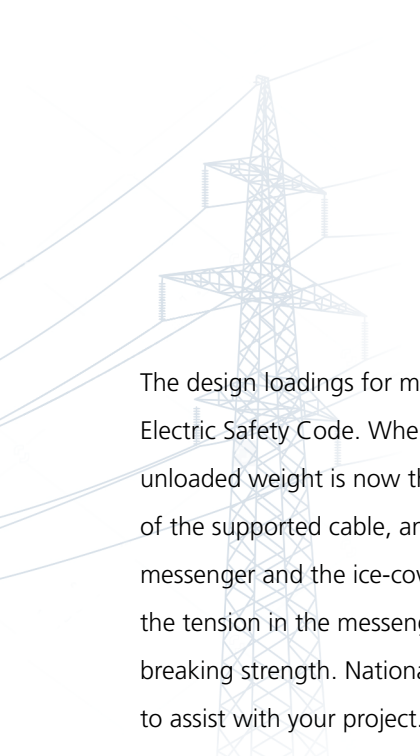


National Strand's overhead ground wire is manufactured to meet the requirements of ASTM A363 and A925. As these specifications demand, there are no joints or strand splices in any lengths of the completed strand; the lightning travels safely to the ground without resistance or interruption.

Strand as Messenger

When strand is used as a messenger cable to support communication cables and electrical conductors, it must have a high elastic limit, excellent tensile strength, durable resistance to corrosion, and good fatigue properties. National Strand's products meet these requirements.

Trusted for years by the most demanding North American IOU's, Muni's, Co-Ops, MSO's and others, National Strand is the leading supplier for Guy and Static Strand throughout North America.

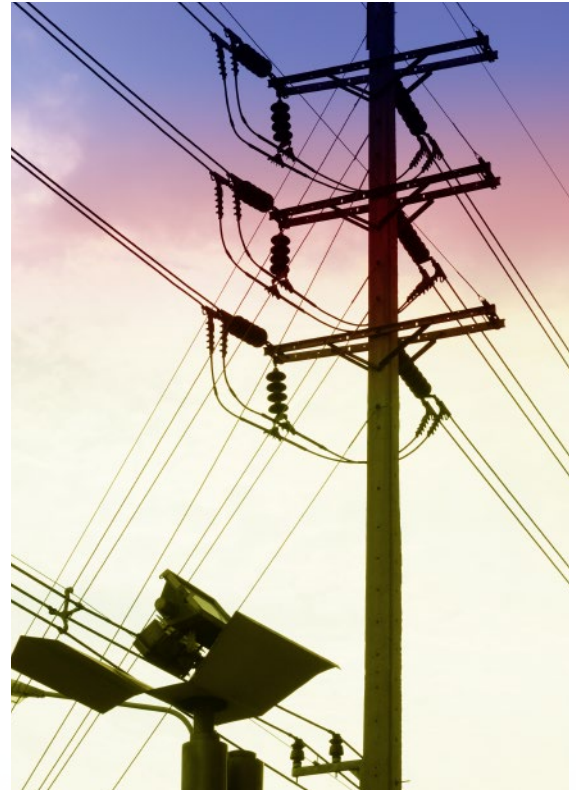


The design loadings for messenger cables are specified by the National Electric Safety Code. When using this rule, please remember that the unloaded weight is now the sum of the messenger weight plus the weight of the supported cable, and that the wind blows against both the ice-coated messenger and the ice-covered cable. Under these full-load conditions, the tension in the messenger must not exceed 60 percent of its ultimate breaking strength. National Strand will gladly furnish sag and tension data to assist with your project.

The Best Quality You Can Buy

At National Strand, quality is more than just a goal or a program. It is inherent in every step of our process, from the time we answer your first inquiry until you receive the product at your door.

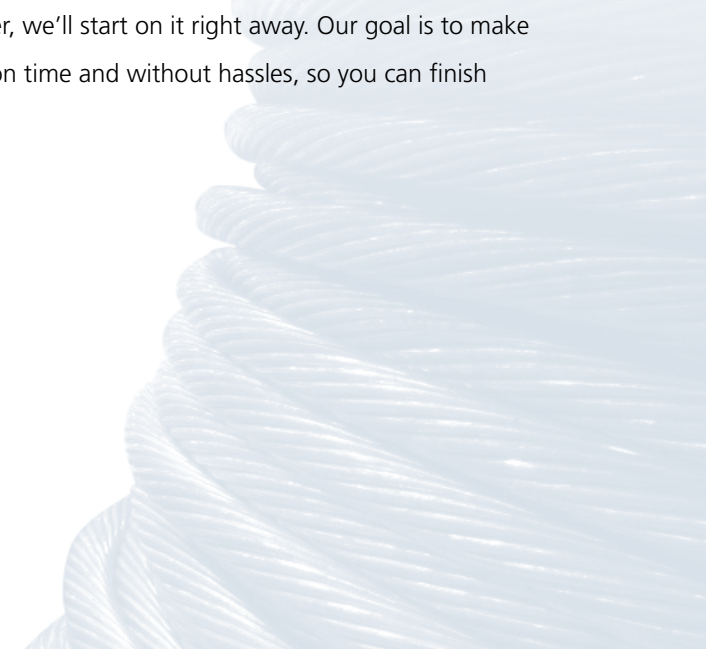
Quality is built into every strand with a rigorous monitoring, inspection and testing program. It's behind our promise that every inch will meet or exceed your specifications. And in the end, it's the way we measure our success.



Helping You Succeed...

At National Strand, we understand that the best service we can offer is to keep things simple. That means doing our best to give you what you want, when you want it.

So when you call National Strand you can always expect same-day quotes. And when you place an order, we'll start on it right away. Our goal is to make sure you receive your order on time and without hassles, so you can finish your project on schedule.



ALL ABOUT **PERFORMANCE**

At National Strand Products, we never forget what you expect from our strand. Whether it stabilizes a tower, acts as a messenger, supports a traffic light or protects people and property from electrical hazard, only the best quality strand deserves your trust.

That's why we specialize exclusively in strand. Our attention is focused solely on your product. We do one thing only – and we do it very well.

Making Your Job Easier

Since 1984, National Strand Products has built an international family of the industry's most loyal customers. Distributors and utility companies around the world prefer National Strand.

Why? Customers say they prefer our product and trust our quality. They value our responsive service and fast delivery. They're impressed by our thoughtful attention to details, such as the way we package our products for easy storage and handling. All in all, we're just easier to work with – and our customers appreciate that most of all.

Call today to discuss your next order. You'll see why so many companies prefer National Strand. We look forward to earning your loyalty as a long term, well-satisfied customer.



International Service

National Strand is a leading international supplier of strand, with worldwide capabilities for providing quotations, service and delivery. You can count on our resources and experience to support your project anywhere in the world.

You'll notice differences in our products that make them more convenient to use than our competitors'. For instance we place our coils on sturdy tubes for easier handling. We also use color-coded end-caps as an additional safety measure and to help you identify, at a glance, the grade of the product in your warehouse.



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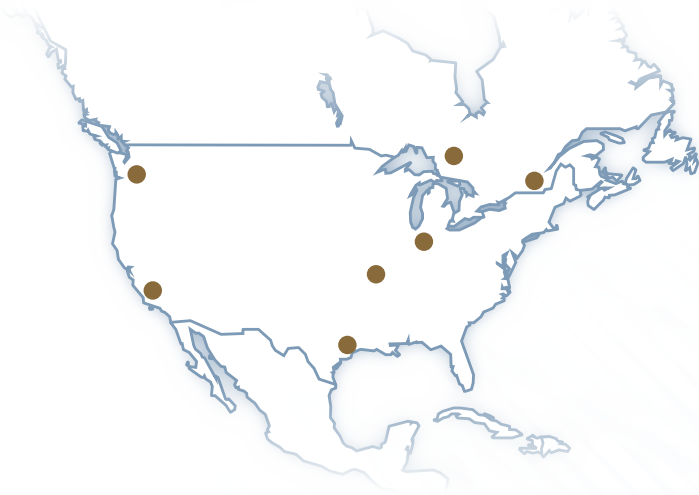
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BUSINESS CARD AREA



HEICO WIRE GROUP

Our North American Locations



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