

UNIVERSAL

Super **STAINLESS STEEL
WIRE ROPE AND RIGGING STRAND
FOR THE MODERN YACHTSMEN**

...adds another touch
of quality to


PEARSON YACHTS



A space-age quality development by Universal Wire Products, Inc.

UNIVERSAL Diamond Drawn SUPER Stainless Steel

Today's capable and discerning yachtsman knows that the wire rope and strand aboard his yacht usually represents less than 3% of the craft's total production costs, yet quality and reliability of his yacht's rigging to support the mast or hoist the sails aloft equals, if not exceeds in importance, other essential elements of modern yacht design and construction.

Universal Wire Products, Inc. has specialized in the manufacture of quality Corrosion Resistant Stainless Steel Wire Rope since 1948. Along with its partner company, Branford Wire, they have offered the industry a superior American-made Stainless Steel product, manufactured to the highest quality control standards known to the industry today. Universal has been working for years to develop a more corrosion resistant product which will retain the high breaking strength of Type 302 Stainless, non-magnetic quality of Type 305 and to exceed the higher corrosion resistance of Type 316 Stainless.

Based on a break-through in technology, Universal has developed a remarkable new product to meet these requirements. Called Super Stainless Steel, it has been tested in both laboratory and field conditions in corrosion prone areas and on various yachting installations, and found to be the ideal product for yacht rigging.

Constructions

The construction of wire rope defines the manner in which the rope is fabricated and is referred to first by the number of strands per rope and then by the number of wires per strand. There are many constructions of wire rope, each with their specific applications, for yachting markets. Three constructions usually cover all the rigging needs of a modern yacht in diameters from 1/16" through 5/8". These three constructions are 1x19, 7x7 and 7x19. Shown below.

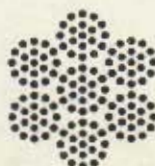
USES — The 1x19 strand is almost always used for the standing rigging of a yacht. The 7x7 semi-flexible construction is used for small diameters of halyards and is sometimes specified in large diameters for standing rigging. The 7x19 Extra Flexible is specified for halyards and other running rigging applications. All of these constructions are available in Super Stainless Steel.



1 x 19
Standing Rigging



7 x 7
Semi-Flexible



7 x 19 Flexible
Running Rigging

Life Line Wires

These are also known as Hard White Vinyl coated wire rope, or HWV, and are manufactured by extruding pure white vinyl over the outside of the completed wire rope. The white vinyl coating not only makes an attractive product, but provides additional protection against abrasion and dirt.

The vinyl coating must be removed at the point where fittings are applied. It is also important to pass strand or rope around a curvature of sufficient radius such as a thimble. Too sharp a bend severely affects the breaking strength. Hard white vinyl coated material is commonly found in both 1x19 and 7x7 construction, coated to various vinyl thicknesses to match the swaged fitting termination.

Care of Corrosion Resistant Stainless Steels

While Universal's new Super Stainless Steel Yacht Rigging Strand and Wire Rope does resist corrosion better than any known product, it should be properly cared for. In some cases, discoloration may run down a strand from oxidation or rust from some fitting above the attachment on the mast or from corrosive elements in the air settling on the rigging.

To assure maximum reliability and rigging life, the following care is recommended:

1. Clean regularly with fresh water or water-soluble detergent. Rain often provides this service for yachts at anchor. Chlorine from trapped seawater is destructive to all stainless steel. Do not use cleaners containing chlorine.
2. Use nylon scrubbing pad (never use steel wool, which can leave particles subject to rust and result in staining of the wire rope).
3. When storing stays or halyards, wash thoroughly with fresh water and dry with a clean cloth. Storage should be in a dry location away from chemicals, oil and other materials which might contaminate and discolor even Universal's Super Stainless Steel product.
4. Avoid crushing, kinking and coiling in too small a loop.
5. Do not wrap with tape, plastic or other adhesive material. Such a covering can exclude oxygen needed to maintain a completely passive surface on the wire. Excluding oxygen will greatly advance corrosive or deteriorating action.

UNIVERSAL SUPER STAINLESS STEEL

- The most corrosion resistant alloy known for these applications.
- Non-Magnetic — Try it with a pocket compass!
- Bright Shiny Finish.
- High breaking strength.
- Clean and Dry.

**Come Sail
With Us...**



A DIVISION OF GRUMMAN ALLIED INDUSTRIES, INC.
West Shore Road, Portsmouth, Rhode Island 02871

**Quality in EVERY line,
EVERY detail of craftsmanship
and materials**

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