Are you using the right lashing wire for the job?

Stainless steel lashing wire is used to lash overhead coaxial or fiber optic cable to a supporting steel strand or over lash of existing cable or cables. It is produced by a specially controlled annealing process which yields a uniform, fine grain structure throughout wire length and cross section for best results.

With the U.S. having a variety of weather conditions and environmental considerations, selecting the proper lashing wire is important to ensure a successful and long-lasting installation.

We have included a summary of each, to help you select the optimal wire for your project needs and performance.

Type 316 Stainless, 1,200' Coil

Developed specifically for use in coastal regions, Type 316 stainless steel wire is more resistant to corrosion from most chemicals, including chlorides and sulfides, than any other lashing wire. It is particularly resistant to pitting and pin-hole corrosion commonly associated with the salt and humidity in ocean side atmospheres. Type 316 wire is ideal for use in areas near salt water or in areas with high levels of industrial pollutants. It is considered the best choice and go-to-wire for most lashing jobs where corrosive failure and atmospheric conditions are a concern. It contains 10% nickel content and 2.5-3.0% molybdenum.

See next page for additional products, specifications, tensile strength and more.

(Superlash) Type 302 Stainless, 1,600’ Coil

Type 302 Stainless, 1,200’ Coil

Type 302 stainless steel wire comes in two diameter sizes: .045” and .038”. Even at the smaller diameter of .038”, the wire is equal in strength to a .045” Type 430 wire, while providing more flexibility (easier bending and unwinding) and better elongation (less chance of breakage from stress). It is considered the preferred selection between the Type 430 and the Type 316 stainless steel wire under normal atmospheric conditions. The Type 302 provides a good compromise option between the two, because it offers better corrosion resistance than the Type 430 stainless steel and is not as expensive as the Type 316 stainless steel. The Type 302 contains 18-20% chromium content and minimum 8% nickel.

Type 430 Stainless, 1,200’ Coil

Type 430 stainless steel wire is recommended for general use and in ordinary atmospheric conditions. It is not recommended for use within 25 miles of salt water or industrial operations which emit pollutants. It is low carbon, and contains 17% chromium wire content.

Specifications

Now that you know what lashing wire to choose for your application, we recommend Marathon stainless steel lashing wire. It is coiled to fit all standard lashers such as the C, J2 or Apollo lasher machines and is manufactured in lengths of 1200’ or 1600’ coils, packaged in cartons of 6 coils. Other sizes are available upon request.

Part Number	Size	Stainless Steel Type	Tensile Strength	Average Break	Coil Length	Std. Pkg.	Weight Per Coil	Average Weight Per Box
MARLW038302	0.038	302	95K-125K psi	115 lbs	1600’	6	6.3 lbs	40 lbs
MARLW045316	0.045	316	95K-120K psi	150 lbs	1200’	6	6.5 lbs	40 lbs
MARLW045302	0.045	302	95K-125K psi	165 lbs	1200’	6	6.5 lbs	40 lbs
MARLW045430	0.045	430	70K-95K psi	125 lbs	1200’	6	6.5 lbs	40 lbs

CONTACT INFO

Customer Service Representatives are available from 8 AM to 6 PM EST.

800 Airport Road
Annville, PA 17003

888.644.6075 www.tvcinc.com

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