



LASHING WIRE

Stainless steel lashing wire is used to "lash" an overhead or aerial cable or wire to a supporting strand. Tree Island Steel produces the highest quality stainless steel lashing wire available in a variety of materials for the telecommunications, utilities and cable TV industries.

Temper: Annealed, Grades 302, 316 and 430

Specifications: AT&T Spec. AT-7153 Issue 3

Available in: Standard 1200' long cores. Other cores available are 450', 650', 735' and 1600'. Six cores per box

Available coatings: Acrawax

Sizes: Available in 0.038", 0.045", 0.061" and 0.065" diameter



GRADE AND CHEMISTRY COMPARISON CHART

General Data									
Wire Grade	Wire Diameter	Length (Core)	Weight (lb)	Specifications					
302	0.038"	1600'	6.2	Core dimensions: 5.5" to 6.5" O.D. 1-5/8" to 1-7/8" I.D. Wax coated, packed 6 cores per box, straight or tapered hub.					
302	0.045"	1200'	6.5						
316	0.045"	1200'	6.5						
430	0.045"	1200'	6.5						
430	0.065"	450'	5.1						
Chemistry (wt %)									
Grade	C Max.	Mn Max.	P Max.	S Max.	SI Max	Cr Min-Max.	NI Min-Max.	Other	
430	0.12	1.00	0.40	0.30	1.00	16.00-18.00	0.75 max		
302	0.15	2.00	0.45	0.30	1.00	17.00-19.00	8.00-10.00		
316	0.08	2.00	0.45	0.30	0.75	16.00-18.00	10.00-14.00	2.0-3.0 Mo	
Physical Specifications				Grade	Tensile Strength	Elongation/10"	Type 430: Least corrosion resistance. Type 302: Higher corrosion and oxidation resistance. Type 316: Highest corrosion resistance. Typically used in a coastal environment.		
430	70-95 ksi	15% min.							
302	90-125 ksi	35% min.							
316	90-125 ksi	35% min.							