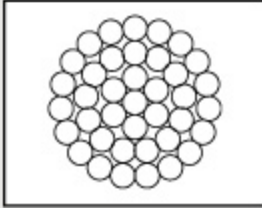
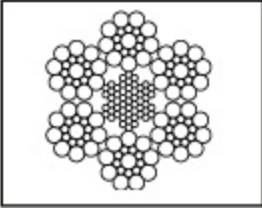


FT-300



Cable Selection Guide

Materials	Construction
<p>Good – Galvanized Wire or Strand Most economical, moderate corrosion resistance, highest strength to weight ratios. May exhibit oxide formation or "white rust" as coating is abraded over time.</p> <p>Better – Type 302 Stainless Steel Chrome-nickel wires provides better corrosion resistance against the elements than galvanized carbon steel, moderately lower strength compared to steels. May discolor over time in salt and corrosive environments.</p> <p>Best – Type 316 Stainless Steel Offers superior corrosion resistance due to higher nickel content and the addition of molybdenum, strength nearly equal to 302 SS. Type 316 should be used near marine environments or other corrosive areas.</p> <p>Also – PVC encapsulation can provide color to your wire rope or strand application while further improving the corrosion resistance.</p>	<p>6 x 19 IWRC (Independent Wire Rope Core) – Most common wire rope. Very flexible. Provides an excellent balance between abrasion and fatigue resistance.</p> <p>1 x 19 Structural Strand – less flexible than wire rope, but stronger with a higher modulus of elasticity. Usually supplied pre-stretched.</p> <p>Dy-form, swaged, and specialty constructions available. We can help specify the correct product for your application and budget.</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;">  <p>1 x 19</p> </div> <div style="text-align: center;">  <p>6 x 19</p> </div> </div>

Common Cable Grades, Sizes and Strengths

Cable Strength (Tons)

Diameter	1 x 19 Strand Class A Galvanized	1 x 19 Strand Type 302 Stainless Steel	1 x 19 Strand Type 316 Stainless Steel	6 x 19 IWRC Galvanized	6 x 19 IWRC Type 302 Stainless Steel	6 x 19 IWRC Type 316 Stainless Steel
0.25	–	4.1	3.9	3.4	3.0	2.5
0.31	–	6.2	5.3	5.3	4.5	3.8
0.38	–	8.7	7.4	7.5	6.0	5.1
0.50	15	15.0	13.5	13.3	11.4	9.6
0.63	24	23.5	21.0	20.6	17.5	14.9
0.75	34	32.0	30.0	29.4	25.0	21.5
0.88	46	43.0	40.0	39.8	33.2	28.6
1.00	61	57.0	52.0	51.7	42.7	38.0
1.13	78	73.0	67.0	65.0	53.2	45.0
1.25	96	80.0	72.0	79.9	64.7	54.0

The cables charted above simply represent the most popular constructions. In addition to the products represented above, we have access to a wide variety of specialty cables. Please use this table only for approximate values. Cable strength varies greatly between manufactures and depending on construction. Contact our company representatives for information about the specific characteristics of the product to meet your application.