

Blair Corporation

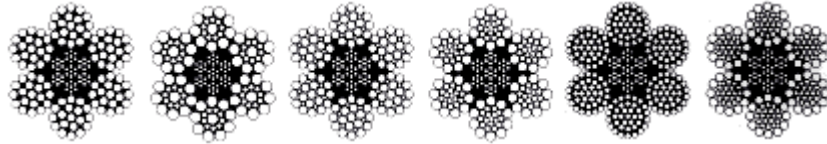
Manufacturer and Distributor

Wire Rope · Hardware · Chain · Cable Railing ·
Structural Strand Assemblies · Cordage · Castings · Forgings·

WIRE ROPE 6x19 CLASSIFICATION

Independent Wire Rope Core

In accordance with Federal Specification RR-W-410D
This table applies to Bright and Draw Galvanized Ropes



Independent Wire Rope Core

IPS

EIPS

| Diameter in inches | Diameter in millimeters | Approx Weight per foot in pounds | Approx. Weight per Meter in Kilograms | Nominal Breaking Strength in Tons | Nominal Breaking Strength in Metric Tones | Nominal Breaking Strength in Tons | Nominal Breaking Strength in Metric Tons |
|--------------------|-------------------------|----------------------------------|---------------------------------------|-----------------------------------|---|-----------------------------------|--|
| 1/4 | 6.4 | 0.116 | 0.17 | 2.94 | 2.67 | 3.40 | 3.08 |
| 5/16 | 8.0 | 0.18 | 0.27 | 4.58 | 4.16 | 5.27 | 4.78 |
| 3/8 | 9.5 | 0.26 | 0.39 | 6.56 | 5.95 | 7.55 | 6.85 |
| 7/16 | 11.5 | 0.35 | 0.52 | 8.89 | 8.07 | 10.20 | 9.25 |
| 1/2 | 13.0 | 0.46 | 0.68 | 11.50 | 10.40 | 13.30 | 12.10 |
| 9/16 | 14.5 | 0.59 | 0.88 | 14.50 | 13.20 | 16.80 | 15.20 |
| 5/8 | 16.0 | 0.72 | 1.07 | 17.70 | 16.20 | 20.60 | 18.70 |
| 3/4 | 19.0 | 1.04 | 1.55 | 25.60 | 23.20 | 29.40 | 26.70 |
| 7/8 | 22.0 | 1.42 | 2.11 | 34.60 | 31.40 | 39.80 | 36.10 |
| 1 | 26.0 | 1.85 | 2.75 | 44.90 | 40.70 | 51.70 | 46.90 |
| 1 1/8 | 28.0 | 2.34 | 3.48 | 56.50 | 51.30 | 65.00 | 59.00 |
| 1 1/4 | 32.0 | 2.89 | 4.30 | 69.40 | 63.00 | 79.90 | 72.50 |
| 1 3/8 | 35.0 | 3.5 | 5.21 | 83.50 | 75.70 | 96.00 | 87.10 |
| 1 1/2 | 38.0 | 4.16 | 6.19 | 98.90 | 89.70 | 114.00 | 103.00 |
| 1 5/8 | 42.0 | 4.88 | 7.26 | 115.00 | 104.00 | 132.00 | 120.00 |
| 1 3/4 | 45.0 | 5.67 | 8.44 | 133.00 | 121.00 | 153.00 | 139.00 |
| 2 | 51.0 | 7.39 | 11.00 | 172.00 | 156.00 | 198.00 | 180.00 |
| 2 1/4 | 57.0 | 9.36 | 13.90 | 215.00 | 195.00 | 247.00 | 224.00 |
| 2 3/8 | 60.0 | 10.40 | 15.50 | 239.00 | 217.00 | 274.00 | 249.00 |
| 2 1/2 | 63.5 | 11.60 | 17.30 | 262.00 | 238.00 | 302.00 | 274.00 |
| 2 5/8 | 67.0 | 12.80 | 19.00 | 288.00 | 261.00 | 331.00 | 300.00 |
| 2 3/4 | 70.00 | 14.00 | 20.80 | 314.00 | 285.00 | 361.00 | 327.00 |
| 3 | 76.00 | 16.60 | 24.71 | 370.00 | 336.00 | 428.00 | 388.00 |

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