

Specifications & Materials

Specifications	Description
MIL-DTL-83420 QPL-83420	Wire Rope, Flexible, For Aircraft Control (Supersedes MIL-W-83420, MIL-C-5424 and MIL-W-1511)
MIL-DTL-87161 QPL-87161	Wire Rope, Non Flexible, For Aircraft Application (Supersedes MIL-W-87161, MIL-W-5693 and MIL-W-6940)
MIL-DTL-18375 QPL-78375	Cable, Steel (Corrosion-Resisting, Non-Magnetic) Flexible, Preformed (For Aeronautical Use) (Supersedes MIL-W-18375)
MIL-DTL-83140 QPL-83140	Wire Ropes, Steel (Stainless Steel) Preformed, Non-rotation, for Aircraft Rescue Hoist and Cargo Handling (Winching) (Supersedes MIL-W-83140)
RR-W-410	Federal Specification for Wire Rope and Strand
ASTM A1023 / A1023M	Stranded Carbon Steel Wire Ropes for General Purposes

Materials

Galvanized

Zinc coated Carbon Steel offers minimal corrosion resistance. Material remains ductile over long periods of use. Typically has a higher breaking strength vs. stainless materials

302/304 Stainless

The most common grade of stainless Steel. Provides good corrosion resistance.

316 Stainless

Used widely in the medical and food preparation industries. Very good resistance to corrosion.

Bright Basic

A general purpose wire that is ideal for a broad variety on industrial and commercial uses.

IPS, EIPS, EEIPS

IPS-Improved Plow Steel, EIPS Extra Improved Plow Steel, EEIPS Extra Extra Improved Plow Steel. Very resistant to wear and high in tensile as you "improve" mechanical properties.

Phos Bronze

Brass alloy that is tin coated used in the electrical industry.

Other Materials

Our Parent Company—CWI—offers many other material grade options including but not limited to Stainless, Nickel, Copper, Brass, Inconel and Monel. Please ask us for special material grade requirements.



Manufactured in
U.S.A.

