

## Materials for Aerospace applications

### **Stainless steel 302/304:**

Also known as 18-8 (18% chrome and 8% nickel nominal). This alloy is the most common of stainless. Steel alloys providing good corrosion resistance and strength comparable to galvanized carbon steel grades.

### **Galvanized carbon steel:**

Zinc coated carbon steel offers some corrosion resistance. G1070 is the most common grade used in aircraft cable and wire rope. It remains ductile over long periods of working. Usually higher break strengths than stainless steels.

### **TIN over ZINC:**

Tin coated galvanized cable for flight control applications.

### **Stainless steel 316:** Extra corrosion resistant.

Used in high corrosive atmospheres such as the Gulf of Mexico and the Caribbean where salt spray is highly potent. Approximately 10% less strength than 302 Stainless Steel.

### **Stainless steel 305:** Non-magnetic.

Slightly more corrosion resistant than 302. This alloy is largely non-magnetic perfectly suited for applications in aeronautical and naval fields.

### **Monel 400:**

Nickel-Copper alloy for specialty applications.

Special materials are available upon request.

[Wire Material Catalogue Page](#)