

Shenzhen Global Technology Co., Ltd

304 stainless steel wire

Model: 304-SS-Wire

Description:

304 stainless steel wire has a good general corrosion resistance to slightly acidic as well as caustic media. Minimun sterngth level slightly higher than the L grade. High ductility, excellent drawing, forming, and spinning properties. Essentially non-magnetic, becomes slightly magnetic when cold worked. Low carbon content means less carbide precipitation in the heat-affected zone during welding and a lower susceptibility to intergranular corrosion.

Specification - 304 Stainless Steel Wire:

Diameter (mm)	Aria mm²	Resistance Ω/m	Reasonable Load (kg)	Maximum Load (kg)
0.2	0.031	22.759	2.2	8
0.3	0.071	10.115	3	12
0.4	0.126	5.690	5.1	20.4
0.5	0.196	3.641	8.3	33.2
0.6	0.283	2.529	12.4	49.7

Magnetic Permeability 1.008 at RT.

Melting Point 1400 - 1455 °C

Hardness, Brinell 123, Converted from Rockwell B hardness.