

316 Stainless Steel

BOTTLE GREEN

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CHARACTERISTICS

Tensile Strength (Mpa) 580 - 650

Hardness Supplied (HB) 195 - 150

Machinability Rating % 48

DESCRIPTION

Type 316 has extensive use in chemical processing equipment when better corrosion resistance is required than is afforded by chromium-nickel steels. Typical applications are Food Processing, Chemical Processing, Photographic, Pharmaceutical and Textile Finishing Equipment and Marine Exterior Trim.

CHEMICAL ANALYSIS (%)

C	Si	Mn	P	S	Cr	Mo	Ni
0.08	0.75	2.0	0.045	0.03	16.0	2.0	10.0
					18.0	3.0	14.0

NOTES

High corrosion resistance to attacks in marine and corrosive industrial atmospheres. The excellent corrosion resistance makes it suitable particularly where 304 is doubtful.

HEAT TREATMENT

NOT RECOMMENDED

WARNING: While all care has been taken to provide accurate information here, it should be noted that it is for a guide only and any information must be checked by the manufacturer before being relied upon.

EDCON STEEL

Sydney Metro

Blacktown 15 Carling Road Kings Park
 Brookvale 10/9-13 Winbourne Road Brookvale
 Revesby 122 Milperra Road Revesby

Rural

Bathurst 51 Sydney Road Raglan
 Orange 23 Leewood Drive Orange

1300 233 266
edconsteel.com.au