

304 Stainless Steel

LILAC

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CHARACTERISTICS

Tensile Strength (Mpa) 520

Hardness Supplied (HB) 200

Machinability Rating % 55

DESCRIPTION

304 Grade stainless steel is the most commonly used stainless steel. It is an austenitic, corrosion resistant steel with good strength, toughness and weldability characteristics.

CHEMICAL ANALYSIS (%)

	C	Si	Mn	P	S	Cr	Mo	Ni
MIN	0	0.45	1.5	0.03	0	16	2	10
MAX	0.08	0.75	2	0.045	0.03	18	3	14

NOTES

Sometimes called furniture or cutlery grade stainless steel. It has good corrosion and weather resistance in indoor and some outdoor applications but would not be suitable for severe or marine environments. The ease of cleaning and maintaining a hygienic surface on the steel makes it suitable for many purposes.

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

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