



# RAYHOME<sup>®</sup> MATERIAL SPECIFICATION SHEET

## Description

**STAINLESS STEEL GRADE 304**

## Comparative International Stainless Steel Grades

British	German	French	Italian	Japanese	Swedish	USA
BS 304 S31	1.4301	Z8CN18.09	X5CrNi 18 10	SUS301	14 23 33	304

## Chemical Analysis

C	Si	Mn	P	S	Cr	Ni	Mo	N
0.07	1.00	2.00	0.045	0.004	17.00-19.50	8.00-10.50	0.071	0.0583

## Relevant Mechanical Properties

Hardness
250 - 350 VPN

## Thickness Tolerances

Thickness (mm)	Tolerance (mm)
0.025mm	+/- 0.004
0.05mm	+/- 0.004
0.10mm	+/- 0.010
0.20mm	+/- 0.015
0.25mm	+/- 0.020
0.40mm	+/- 0.025
0.50mm	+/- 0.030
0.70mm	+/- 0.030
1.00mm	+/- 0.040
2.00mm	+/- 0.050
3.00mm	+/- 0.090