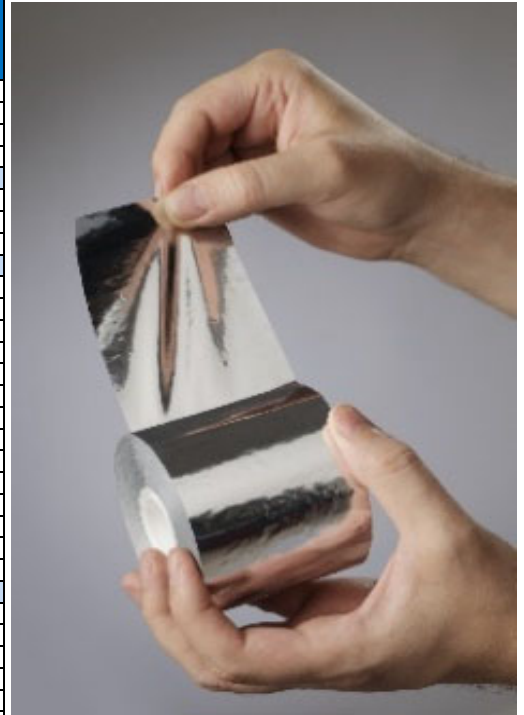


# 1.4301 / 301 Tensile Range \*

(please call us to discuss Tensile Range and thickness tolerance for 1.4301 /304 and 1.4404 / 316L)

Thickness	Thickness Tolerance	Tensile Range MPa (Megapascals) N/mm2 (newton/square millimetre)	Rockwell HRc **
0.003mm	+/-0.001mm	Please Ask	
0.005mm	+/-0.001mm	>1500	>46.4
0.008mm	+/-0.002mm	>1500	>46.4
0.010mm	+/-0.002mm	>1500	>46.4
0.0127mm	+/-0.0015mm	>1300	>41
0.015mm	+/-0.002mm	>1500	>46.4
0.020mm	+/-0.002mm	>1500	>46.4
0.025mm	+/-0.002mm	1500-1700	46.4 - 50.5
0.025mm	+/-0.004mm	>1300	>41
0.030mm	+/-0.003mm	>1500	>46.4
0.035mm	+/-0.003mm	1500-1700	46.4 - 50.5
0.040mm	+/-0.003mm	1300-1700	41 - 50.5
0.045mm	+/-0.003mm	1300-1700	41 - 50.5
0.050mm	+/-0.003mm	1500-1700	46.4 - 50.5
0.055mm	+/-0.003mm	1500-1700	46.4 - 50.5
0.060mm	+/-0.003mm	1500-1700	46.4 - 50.5
0.070mm	+/-0.004mm	1500-1700	46.4 - 50.5
0.075mm	+/-0.004mm	1500-1700	46.4 - 50.5
0.080mm	+/-0.004mm	1500-1700	46.4 - 50.5
0.090mm	+/-0.004mm	1500-1700	46.4 - 50.5
0.100mm	+/-0.004mm	1500-1700	46.4 - 50.5
0.110mm	+/-0.004mm	1500-1700	46.4 - 50.5
0.120mm	+/-0.004mm	1500-1700	46.4 - 50.5
0.127mm	+/-0.0065mm	1300-1500	41 - 46.4
0.130mm	+/-0.005mm	1500-1700	46.4 - 50.5
0.140mm	+/-0.005mm	1500-1700	46.4 - 50.5
0.150mm	+/-0.005mm	1500-1700	46.4 - 50.5
0.160mm	+/-0.005mm	1500-1700	46.4 - 50.5
0.170mm	+/-0.005mm	1500-1700	46.4 - 50.5
0.180mm	+/-0.005mm	1500-1700	46.4 - 50.5
0.190mm	+/-0.005mm	1500-1700	46.4 - 50.5
0.200mm	+/-0.006mm	1500-1700	46.4 - 50.5
0.210mm	+/-0.006mm	1500-1700	46.4 - 50.5
0.220mm	+/-0.008mm	1500-1700	46.4 - 50.5
0.230mm	+/-0.008mm	1500-1700	46.4 - 50.5
0.240mm	+/-0.006mm	1500-1700	46.4 - 50.5
0.250mm	+/-0.007mm	1500-1700	46.4 - 50.5
0.260mm	+/-0.007mm	1500-1700	46.4 - 50.5
0.270mm	+/-0.009mm	1500-1700	46.4 - 50.5
0.280mm	+/-0.009mm	1500-1700	46.4 - 50.5
0.290mm	+/-0.007mm	1500-1700	46.4 - 50.5
0.300mm	+/-0.007mm	1500-1700	46.4 - 50.5
0.350mm	+/-0.008mm	1500-1700	46.4 - 50.5
0.381mm	+/-0.025mm	1300-1500	41 - 46.4
0.400mm	+/-0.009mm	1500-1700	46.4 - 50.5
0.450mm	+/-0.009mm	1500-1700	46.4 - 50.5
0.500mm	+/-0.012mm	1500-1700	46.4 - 50.5
0.550mm	+/-0.012mm	1500-1700	46.4 - 50.5
0.600mm	+/-0.012mm	1500-1700	46.4 - 50.5
0.635mm	+/-0.025mm	1300-1500	41 - 46.4
0.650mm	+/-0.012mm	1500-1700	46.4 - 50.5
0.700mm	+/-0.012mm	1500-1700	46.4 - 50.5
0.750mm	+/-0.012mm	1500-1700	46.4 - 50.5
0.800mm	+/-0.013mm	1500-1700	46.4 - 50.5
0.850mm	+/-0.013mm	1500-1700	46.4 - 50.5
0.900mm	+/-0.013mm	1500-1700	46.4 - 50.5
0.950mm	+/-0.013mm	1500-1700	46.4 - 50.5
1.000mm	+/-0.018mm	1500-1700	46.4 - 50.5
1.200mm	+/-0.018mm	1100-1300	34.5 - 41
1.400mm	+/-0.022mm	1300-1500	41 - 46.4
1.500mm	+/-0.022mm	1100-1300	34.5 - 41
1.600mm	+/-0.026mm	1300-1500	41 - 46.4
1.800mm	+/-0.026mm	1300-1500	41 - 46.4
2.000mm	+/-0.028mm	1100-1300	34.5 - 41
2.500mm	+/-0.030mm	1100-1400	34.5 - 44
3.000mm	+/-0.030mm	1100-1300	34.5 - 41



  = 1.4310 / 301  
  = Tensile Range for 1.4301 / 304 Stock Only  
 \* unless stated

\*\* ISO 18265:2013 - Metallic materials — Conversion of hardness values

Please call for tensile ranges for 1.4310 and 304 / 1.4301 and 316L / 1.4044

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