

STAINLESS STEEL Strip

AISI 304

Technical characteristics:	
Name according to the standards	Alphanumerical name: X5 CrNi 18-10 Numerical name: 1.4301
Reference standard	UNI EN 10088-2
Product form	C (cold-rolled strip)
Finish	2B (heat-treated strip, pickled, skinpassed) BA (glossy, bright surfaces)
Density	7.9 g/m ³
Mechanical Properties:	
Tensile strength	540-750 N/mm ²
Elongation	45 % min.
Hardness	82 HRB
Chemical Properties:	
Carbon (C)	0.07% max.
Chromium (Cr)	17.00 – 19.50 %
Manganese (Mn)	2.00 % max
Silicon (Si)	1.00 % max.
Nickel (Ni)	8.00 – 10.50 %
Dimensional Properties:	
Standard thicknesses	0.5 – 0.6 – 0.7 – 0.8 mm
Dimensional tolerance	UNI EN 10259
Standard Width	1000 – 1250 mm Upon request, can be produced in any width.
Coil weight	From 100 Kg to 7000 Kg
Use:	
Industrial and civil construction	