

ALUMINIUM 1050

DIN 1050	En Nr. 573-3	UNS (ASTM) -		AISI -					
Chemical composition (Weight %)	Al Balance	Si 0.25	Fe 0.40	Cu 0.05	Mn 0.05	Mg 0.05	Cr -	Zn 0,07	Ti 0,05
Main technological properties	Aluminium and aluminium alloys have many characteristics which cannot be replaced by other materials. These encompass low density, almost 3 times lower than that of steel, corrosion resistance due to the Al ₂ O ₃ oxide coating, developing at the surface and easy formability.								
Typical dimensions	Thickness (mm)			Width (mm)		Length (mm)			
	Strip in coil			-		-		-	
	Strips in sheet			0,50/1.00		1000		2000	
Mechanical properties	Temper	Rm (MPa) 105-145		Rp0.2 (MPa) min. 75		A (%) min. 4		Hv (N/mm ²)	
Color	silver								
Typical usage	Nickel silver is mainly used for the <ul style="list-style-type: none"> • Chemical process plant equipment • Food industry containers • Pyrotechnic powder • Architectural flashings • Lamp reflectors • Cable sheathing 								
Surface	Special surface qualities upon request								
Flatness	Special requirement on the longitudinal or transversal flatness upon request								

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