

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									

