

NI-BASE ALLOYS

Available Product Shapes

Plates

Product Description

Components in the chemical industry, including heat exchangers, pipes, valves, fittings, instrumentation probes and centrifuges. Components for deacidifiers, including tanks, pipes, heat exchangers, slide valves and butterfly valves. Storage and transport tanks for acids. Also wastewater processing and structural parts in waste incineration plants and flue gas desulfurization plants.

Properties

Nickel-chromium-molybdenum alloy with good corrosion resistance, even at elevated temperatures. Very good resistance to reducing and oxidizing conditions, including hot contaminated media such as sulfuric acid, hydrochloric acid, formic acid, acetic acid, solvents, chlorine and chlorinated media. This material also has a low tendency to intercrystalline corrosion, stress corrosion and pitting. L004 is easily weldable due to its high thermal dimensional stability.

Material designation		Standards	
2.4610	SEL	B574	ASTM
N06455	UNS		
NiMo16Cr16Ti	EN		
NiMo16Cr15W			
Alloy C4	Market grade		
Alloy 004			

Chemical composition

C	Cr	Mo	Ni	Cu	Co	Ti	Fe
≤ 0,008	15.50	15.50	66.00	≤ 0,50	≤ 2,00	0.40	≤ 3,00

For more information see www.voestalpine.com/boehler-edelstahl

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ONE STEP AHEAD.