M. WOITE
Sonderwerkstoffe
Edelstähle

2.4360

Material No.	2.4360
EN symbol (short)	NiCu30Fe
AISI/SAE	—
UNS	N 04400
AFNOR	Nu 30
B.S.	NA 13
alloy	alloy 400
Registered work's label	Monel® alloy 400, Nicorros®
Standards	VdTÜV 263

DESCRIPTION

The chemically stable and high-temperature resistant nickel and copper alloy 2.4360 (alloy 400) is used in th chemical industry.
Our product range in 2.4360 (alloy 400) are tubes and pipes, fittings and flanges, accessories.

CHEMICAL COMPOSITION [1]

C ≤ %	Si ≤ %	Mn ≤ %	P ≤ %	S ≤ %	Cr	Mo	Ni [2] ≥ %	V
0,15	0,5	2		0,020			63	
Nb	Ti ≤ %	Al ≤ %	Co	Cu %	Fe %			
	0,30	0,5		28,0-34,0	1,0-2,5			

[1] in accordance with Key to Steel 2001 [2] including Co ≤ 1,0 %

SPECIAL CHARACTERISTICS

Temperature range:	Density kg/dm³	Hardness HB
-10 to 425°C (for pressure vessels)	8,8	depending on status (flexible – firm) 150–210

chemically stable and high-temperature resistant nickel and copper alloy

WELDING FILLER

covered rod electrode 2.4366

MAIN FIELDS OF APPLICATION (depending on the specific conditions of use)

refinery, chemical industry, piping for sulphuric acid (under reducing conditions), hydrofluoric acid, caustic soda, hydrochloric acid, apparatus engineering, sewage conditioning, sea water desalination, sea water resistent

(all aforementioned specifications serve as a general orientation and have to be reviewed depending on the specific conditions of use)