



# CEWELD AA NiCrSiB 40

**TYPE** High-alloyed tubular wire on a Ni-Cr-Si-B basis for high wear protection in several applications.

**APPLICATIONS** The characteristics of the deposit are comparable with cobalt-base alloys and offers excellent corrosion resistance, heat resistance and thermal shock constancy.

**PROPRIÉTÉS** Very good corrosion resistance combined with high hardness even at higher temperatures. Excellent weldability and often used as economical alternative for „stellite“. The alloy is spark free and non magnetic.

**CLASSIFICATION** EN ISO 14700: T Ni1

**CONVIENT POUR** rotary seal rings, pumps, sleeves, food industry, nuclear, screw conveyors, winches.

**AGRÉMENTS**

**POSITIONS DE SOUDAGE**



**ANALYSE CHIMIQUE  
TIPIQUE DU MÉTAL DE  
SOUDURE (%)**

C	Si	Mn	Cr	Ni	Fe	W
0.35	4.5	0.5	22	80	4	1.5

**PROPRIÉTÉS MÉCANIQUES**

Heat Treatment	$R_{P0,2}$ (MPa)	$R_m$ (MPa)	A5 (%)	Hardness
As Welded				40 HRc

**ETUVAGE**

Not required

**GAS ACC. EN ISO 14175**

I1