

Exaton Ni41Cu

Exaton Ni41Cu is a nickel-iron-chromium strip electrode used for electro-slag welding (ESW) to deposit single layer or second layer corrosion resistant alloy overlays of Ni8065/UNS N08825 composition on carbon- and low alloyed steels using non-alloying flux. The grade has very good resistance to stress corrosion cracking (SCC) in chloride containing environments and is particularly suited for use in reducing environments such as those containing sulphuric and phosphoric acids.

Specifications

Classifications

SFA/AWS A5.14 : EQNiFeCr-1
 EN ISO 18274 : B Ni 8065

Typical Wire Composition %

C	Mn	Si	S	P	Ni	Cr	Mo	Cu	Fe
≤0.025	1.0	0.3	≤0.010	≤0.025	≥42	23	3	2.3	≥22