



# CEWELD NiCro 603

**TYPE** Solid nickel based wire for Alloy 699 types (2.4842)

**APPLICATIONS** Chemical process industry

**PROPERTIES** NiCro 603 is an alloy especially developed for high-temperature applications. Because of the high high chromium and aluminum content it has excelent metal dusting corrosion and oxidation resistance. Due to its excellent corrosion resistance.

**CLASSIFICATION**

AWS	A 5.14: ~ERNiCrFe-Al-1
EN ISO	18274: S Ni Z (NiCr 30 Al)
W.Nr.	2.4842
F-nr	43
FM	6

**SUITABLE FOR** Applications in Chemical process industry, this alloy has a much higher Metal Dust resistance than our CEWELD NiCro 602 CA

**APPROVALS**

**WELDING POSITIONS**



**TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)**

C	Si	Mn	Cr	Ni	Ti	Fe	Cu	Al	Nb+Ta
0.06	0.5	0.5	30	Rem.	0.6	2.5	0.5	3	0.5

**MECHANICAL PROPERTIES**

**REDRYING** Not required

**GAS ACC. EN ISO 14175** I1



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NICRO 603 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720682051115