



# CEWELD NiCro 603

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

**APPLICATIONS** Chemical process industry

**PROPRIÉTÉS** 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.

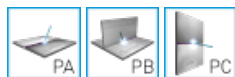
**CLASSIFICATION**

|        |                            |
|--------|----------------------------|
| 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                          |

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

**AGRÉMENTS**

**POSITIONS DE SOUDAGE**



**ANALYSE CHIMIQUE  
TYPIQUE DU MÉTAL  
D'APPORT (%)**

| 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   |

**PROPRIÉTÉS MÉCANIQUES**

**ETUVAGE** Not required

**GAS ACC. EN ISO 14175** I1



# CEWELD NiCro 603

NICRO 603 1,0MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720682051115 |