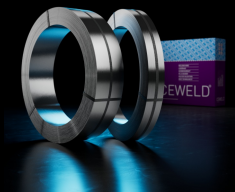




# CEWELD SA Nicro 625 strip



|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |                         |    |                      |    |        |          |     |
|------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------|-------------------------|----|----------------------|----|--------|----------|-----|
| TYPE                                                 | Nickel Chromium Molybdenum solid strip                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                |                         |    |                      |    |        |          |     |
| APPLICATIONS                                         | This strip is suitable for both electroslog (ESW) and sub arc (SAW) process. Typical applications include cladding of vessels for the petrochemical, refinery and chemical industries                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                |                         |    |                      |    |        |          |     |
| PROPRIÉTÉS                                           | Weld metal deposited by SA Nicro 625 has high strength and extreme corrosion resistance, including oxidation resistance and creep-rupture strength at elevated temperatures. Flux FL 860 ESHC                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                |                         |    |                      |    |        |          |     |
| CLASSIFICATION                                       | AWS                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | A 5.14: EQNiCrMo-3             |                         |    |                      |    |        |          |     |
|                                                      | EN ISO                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 18274: B Ni 6625 (NiCr22Mo9Nb) |                         |    |                      |    |        |          |     |
|                                                      | W.Nr.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 2.4831                         |                         |    |                      |    |        |          |     |
| CONVIENT POUR                                        | SA Nicro 625 is mainly used for ESW and SAW cladding of carbon steel to obtain corrosion and creep resistant layers. Go to <a href="#">FL 860 ESHC</a> suitable flux...<br><b>W.Nr.</b> 1.4529, 1.4539, 1.4547, 1.4876, 1.4958, 1.5656, 2.4660, 2.4816, 2.4856, 2.4858,<br><br>X1CrNiMoCuN20-18-7 - X10NiCrAlTi32-20 - X5NiCrAlTi31-20 - NiCr15Fe - NiCr22Mo9Nb - NiCr21Mo - X1NiCrMoCuN25 20 6 - X1NiCrMoCuN25 20 5 - NiCr21Mo - 8XNi9<br><b>ASTM:</b> A 533 Gr1<br><b>UNS:</b> S31254 - N08800 - N08810 - N06600 - N06625 - N08825 - N08926 - N08020<br>Alloy 254 SMO - Alloy 800 - Alloy 800H - Alloy 600 - Alloy 625 - Alloy 825 - Sanicro 28 |                                |                         |    |                      |    |        |          |     |
| AGRÉMENTS                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |                         |    |                      |    |        |          |     |
| POSITIONS DE SOUDAGE                                 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                |                         |    |                      |    |        |          |     |
| ANALYSE CHIMIQUE<br>TYPIQUE DU MÉTAL<br>D'APPORT (%) | C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Si                             | Mn                      | Cr | Ni                   | Mo | Nb     | Ti       | Fe  |
|                                                      | 0.02                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 0.02                           | 0.02                    | 22 | 70                   | 9  | 3.8    | 0.16     | 0.4 |
| PROPRIÉTÉS MÉCANIQUES                                | Heat Treatment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                | R <sub>P0,2</sub> (MPa) |    | R <sub>m</sub> (MPa) |    | A5 (%) | Hardness |     |
|                                                      | As Welded                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                | 460                     |    | 750                  |    | 32     | HRc      |     |
| ETUVAGE                                              | Not required                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                |                         |    |                      |    |        |          |     |
| GAS ACC. EN ISO 14175                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                |                         |    |                      |    |        |          |     |



# CEWELD SA Nicro 625 strip



SA NICRO 625 STRIP 30 X  
0,5MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| Coil      | 25      | 8720663419224 |