



# CEWELD SP 1.4302

**TYPE** Stainless steel alloy exceeding AISI 304 for corrosion protection layers.

**APPLICATIONS** Recommended for applications where corrosion resistance and relatively low wear protection is required. CEWELD® SP 1.4302 is good for general machine element work including hydraulic rams, rolls and for applications in the food industry.

**PROPERTIES** Coatings of CEWELD® SP 1.4302 exhibit good corrosion resistance against organic and non-oxidizing liquids and are recommend for internal and external diameters. Using the combustion wire spray process, CEWELD® SP 1.4302 should be sprayed thinner than CEWELD® SP 1.4370 and CEWELD® SP 420 coatings.

**CLASSIFICATION** EN ISO 14919: 5.10  
W.Nr. 1.4302

**SUITABLE FOR** Corrosion protection in food environments, paper rollers etc.

**APPROVALS**

**WELDING POSITIONS**



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

| C    | Si | Mn | Cr | Ni  |
|------|----|----|----|-----|
| 0.02 | 1  | 1  | 19 | 9.5 |

**MECHANICAL PROPERTIES**

| Heat Treatment | R <sub>P0,2</sub> (MPa) | R <sub>m</sub> (MPa) | A5 (%) | Hardness |
|----------------|-------------------------|----------------------|--------|----------|
| As Welded      |                         |                      |        | 210 HB   |

**REDRYING** Not required

**GAS ACC. EN ISO 14175**



# CEWELD SP 1.4302

SP 1.4302 1,6MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| BS-300    | 15      | 8720663409829 |

SP 1.4302 3,2MM

| Packaging | KG/unit | EanCode       |
|-----------|---------|---------------|
| K-415     | 25      | 8720663409836 |