



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 _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	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