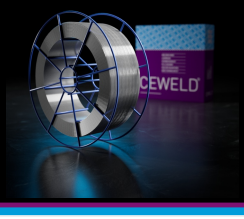


CEWELD 904L

certilas® THE FILLER METAL SPECIALIST

TYPE

Solid stainless steel austenitic filler metal with excelent corrosion resistance

TOEPASSINGEN

Tanks and process vessels, Piping systems, agitators, rotors, cast pumps and valves for use in the fertilizer, phosphoric, sulphuric and acetic acid plants

EIGENSCHAPPEN

The CEWELD® 904L is used for welding materials of similar chemical composition which are used for fabrication of equipment and vessels for handling of sulfuric acid and many chloride containing media. This filler metal may also find applications for joining Type 317L material where improved corrosion resistance in specific media is needed. In order to reduce he propensity for fissuring and hot cracking, the low melting constituents such as carbon, silicon, and phosphorus are controlled to lower levels in this alloy.

CLASSIFICATIE

AWS	A 5.9: ER385
EN ISO	14343-A: G 20 25 5 Cu L
W.Nr.	1.4539
F-nr	6
FM	5

GESCHIKT VOOR

1.4539 / 904L CrNiMoCu / 20 25 5 Cu L
1.4465, 1.4500, 1.4505, 1.4506, 1.4519, 1.4531, 1.4536, 1.4537, 1.4538, 1.4539, 1.4573, 1.4585, 1.4586
X1CrNiMoN25-25-2, X1NiCrMoCu 25-20-5, X1CrNiMoCuN 25-25-5, X2NiCrMoCuN25-20-5, X2NiCrMoCuN20-18, X4NiCrMoCuNb 20-18-2, X5NiCrMoCuTi20-18, X5NiCrMoCuNb22-18
ASTM A182,
UNS N08904, S31726
Uranus B6, AISI 904L, Z2NCDU25-20,

GOEDKEURINGEN

CE

LASPOSITIES

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	Cr	Ni	Mo	Cu
0.019	0.35	2	20.5	25	4.6	1.6

MECHANISCHE WAARDEN

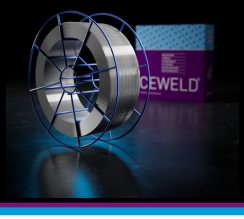
Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Impact Energy (J) ISO-V	Hardness
				RT	
As Welded	380	560	35	70	HRc

HERDROGEN

Not required

GAS ACC. EN ISO 14175

M13, M12



CEWELD 904L

904L 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663415400

904L 1,0MM

Packaging	KG/unit	EanCode
BS-300	15	8720663415417

904L 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663415424