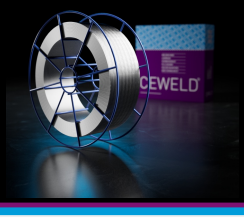


CEWELD 320 LR

certilas® THE FILLER METAL SPECIALIST

TYPE	Solid stainless steel wire for high corrosive environments
APPLICATIONS	CEWELD 320 LR (Alloy 20) is used in a variety of industries, including chemical processing, petrochemical and refining, marine, pharmaceutical and food processing. End use applications include storage tanks, mixing tanks, agitators, pump and valve parts, food processing equipment, fasteners and fittings.
PROPERTIES	CEWELD 320 was designed specifically to withstand sulfuric acid. Its nickel, chromium, molybdenum and copper levels all provide excellent general corrosion resistance. Restricted carbon plus columbium stabilization permits welded fabrications to be used in corrosive environments, normally without post-weld heat treatment. At 33% nickel, CEWELD 320 LR has practical immunity to chloride stress corrosion cracking. This alloy is often chosen to solve SCC problems, which may occur with 316L stainless

CLASSIFICATION

AWS	A 5.9: ER320
EN ISO	14343-B: G 320
W.Nr.	2.4660
F-nr	6
FM	5

SUITABLE FOR

2.4660,
AISI 320
UNS N08020
Alloy 20, Carpenter 20, 320, Nicrofer 3620 nb, Carpenter 20, Incoloy 20, NiCr20CuMo

APPROVALS

CE

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	Cr	Ni	Mo	Cu
0.06	0.5	1.6	20	34	2.5	3.5

MECHANICAL PROPERTIES

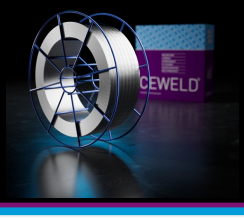
Heat Treatment	$R_{P0,2}$ (MPa)	Rm (MPa)	A5 (%)	Hardness
As Welded	400	590	35	HRc

REDRYING

Not required

GAS ACC. EN ISO 14175

M13



CEWELD 320 LR

320 LR 1.2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663415455

320 LR 1.6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663415462