



CEWELD SG 3 Tig

TYPE Copper coated welding wire for GTAW welding of un and -low alloyed steels

APPLICATIONS Shipbuilding, piping, root welding, bridges, repair, construction, offshore, car-plate welding etc...

PROPRIÉTÉS Extreme easy to weld with excellent welding properties and increased yield strenght.

CLASSIFICATION

AWS	A 5.18: ER 70S-6
EN ISO	636-A: W 50 5 4 Si1
W.Nr.	1.5130
F-nr	6
FM	1

CONVIENT POUR **Reh ≤ 460 MPa (67 ksi) ISO 15608: 1.2, 1.3, 2.1**
 1.5637, 1.6217, 1.6228, 1.0044-1.09821.0035 - 1.0570, 1.0345, 1.0425, 1.0481, 1.0308 - 1.0581, 1.0307 - 1.0582, 1.0440, 1.0472, 1.0475, 1.0416 to 1.0551
 10Ni14, 12Ni14, 13MnNi6-3, 15NiMn6,
 S235JR-S355JR, S235JO-S355JO, S450JO, S235J2-S355J2, S275N-S460N, S275M-S460M, P235GH-P355GH, P275NL1-P460NL1, P215NL, P265NL, P355N, P285NH-P460NH, P195TR1-P265TR1, P195TR2-P265TR2, P195GH-P265GH, L245NB-L415NB, L450QB, L245MB-L450MB, GE200-GE240,
 A, B, D, E, A 32-E 36
 ASTM A 106 Gr. A, B, C; A 181 Gr. 60, 70; A 283 Gr. A, C; A 285 Gr. A, B, C; A 350 Gr. LF1; A 414 Gr. A, B, C, D, E, F, G; A 501 Gr. B; A 513 Gr. 1018; A 516 Gr. 55, 60, 65, 70; A 573 Gr. 58, 65, 70; A 588 Gr. A, B; A 633 Gr. C, E; A 662 Gr. B; A 711 Gr. 1013; A 841 Gr. A; API 5 L Gr. B, X42, X52, X56, X60, X65
 Domex 315-460MC,MC Plus, ML

AGRÉMENTS TÜV: 12399.00, CE

POSITIONS DE SOUDAGE

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn	P	S	Cr	Ni	Mo	V	Cu	Al	Ti+Zr
0.08	0.95	1.75	0.012	0.015	0.01	0.01	0.01	0.001	0.009	0.002	0.013

PROPRIÉTÉS MÉCANIQUES

Heat Treatment	R _{P0,2} (MPa)	R _m (MPa)	A ₅ (%)	Impact Energy (J) ISO-V		Hardness
				-20°C	-40°C	
As Welded	520	600	24	170	110	HRC

ETUVAGE Not required

GAS ACC. EN ISO 14175 I1



CEWELD SG 3 Tig

SG 3 TIG 1,6 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405234

SG 3 TIG 2,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405241

SG 3 TIG 2,4 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405258

SG 3 TIG 3,0 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405265

SG 3 TIG 3,2 X 1000MM

Packaging	KG/unit	EanCode
Tube	5	8720663405272