



CEWELD SG 2 Tig

TYPE Copper coated welding wire for welding un and -low alloyed steels upto 420 MPa yield strength.

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

PROPERTIES Extreme easy to weld with excellent welding properties and low fume, extreme subzero impact properties due to the TIG process.

CLASSIFICATION

AWS	A 5.18: ER 70S-6
EN ISO	636-A: W 46 5 W3Si1
F-nr	6
FM	1
W.Nr.	1.5125

SUITABLE FOR **Reh ≤ 420 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, S420JO, S235J2-S355J2, S275N-S460N, S275M-S420M, P235GH-P355GH, P275NL1-P420NL1, P215NL, P265NL, P355N, P285NH-P460NH, P195TR1-P265TR1, P195TR2-P265TR2, P195GH-P265GH, L245NB-L415NB, L450QB, L245MB-L420MB, 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

APPROVALS TÜV (19806.00) CE

WELDING POSITIONS

TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)

C	Si	Mn
0.08	0.85	1.45

ALL WELD MECHANICAL PROPERTIES

Heat Treatment	R _{p0,2} MPa	R _m MPa	A ₅ (%)	RT	Impact Energy (J) ISO-V	
					-40°C	-50°C
As Welded /	450	560	24	200	150	60

REDRYING TEMPERATURE Not required

GAS ACCORDING EN 14175 I1



CEWELD SG 2 Tig

SG 2 TIG 0,8 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663411235

SG 2 TIG 1,0 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663411242

SG 2 TIG 1,2 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663411259

SG 2 TIG 1,6 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663411266

SG 2 TIG 2,0 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663411280

SG 2 TIG 2,4 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663411297

SG 2 TIG 3,0 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663411303

SG 2 TIG 3,2 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663411310

SG 2 TIG 4,0 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663411327

SG 2 TIG 5,0 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663411334