



CEWELD SG 3

TYPE	Copper coated welding wire for MAG 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. High world wide excepted quality with controlled cast and helix for semi and or semi-automatic applications. Weldable with Co2 and Mix gas.											
CLASSIFICATION	AWS	A 5.18: ER 70S-6										
	EN ISO	14341-A: G 46 4 M21 4Si1, 14341-A: G 42 4 C1 4Si1										
	W.Nr.	1.5130										
	F-nr	6										
	FM	1										
CONVIENT POUR	Reh ≤ 460 MPa (67 ksi) ISO 15608: 1.2, 1.3, 2.1 (Mix gas) 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), CE, DB: (42.206.02)											
POSITIONS DE SOUDAGE	PAPBPCPDPEPFPG											
ANALYSE CHIMIQUE TYPIQUE DU MÉTAL D'APPORT (%)	C		Si		Mn		P		S			
	0.08		0.9		1.75		0.015		0.015			
PROPRIÉTÉS MÉCANIQUES	Heat Treatment		R _{P0.2} (MPa)		R _m (MPa)		A ₅ (%)		Impact Energy (J) ISO-V		Hardness	
	As Welded		490		620		26		RT		-40°C	
									170		93	
											HRc	
ETUVAGE	Not required											
GAS ACC. EN ISO 14175	M21, C1											



CEWELD SG 3

SG 3 0,8MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405210
D-200	5	8720663405050

SG 3 1,0MM

Packaging	KG/unit	EanCode
D-100	1	8720663405289
D-200	5	8720663405296
Drum	250	8720663405302

SG 3 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405104
Drum	250	8720663405111

SG 3 1,4MM

Packaging	KG/unit	EanCode
Drum	250	8720663405128

SG 3 1,6MM

Packaging	KG/unit	EanCode
BS-300	15	8720663405098