



CEWELD ER 100 S-G(L)

TYPE	Solid welding wire for welding high strenght fine grain steels. (Mn3Ni1CrMo, ER 100S)																
APPLICATIONS	CEWELD® ER 100 S-G(L) is a 0.9% Ni-alloyed, low C, copper-coated, solid wire for the GMAW/GTAW of low-temperature, fine-grained steels suitable for NACE requirements. The Application is: Offshore drilling equipment, crane building, pipeline, platforms, Vessel, riser piping etc.																
PROPERTIES	CEWELD® ER 100 S-G(L) is extreme crack resistant alloy with very good deformability properties and excellent welding characteristics. Weldable under CO2 and Mixed gas.																
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.28: ER 100S-G</td> </tr> <tr> <td>EN ISO</td> <td>16834-A: G 62 5 M21 Mn3NiCrMo</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>2</td> </tr> </table>	AWS	A 5.28: ER 100S-G	EN ISO	16834-A: G 62 5 M21 Mn3NiCrMo	F-nr	6	FM	2								
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SUITABLE FOR	<p>Reh ≤ 620 MPa ISO 15608: 1.3 (ReH > 360 MPa < 620 MPa), 2.2 ReH > 460 MPa</p> <p>1.0531,1.0984, 1.0986, 1.8900, 1.8901, 1.8902, 1.8903, 1.8904, 1.8905, 1.8907, 1.8910, 1.8912, 1.8915, 1.8917, 1.8926, 1.8930, 1.8932, 1.8935, 1.8937, 1.8986, 1.8970, 1.8971, 1.8972, 1.8973, 1.8975</p> <p>TStE 550 WStE 380, WStE 420, WStE 460, WStE 500, WstE 550, StE 385.7, StE 385.7 TM, StE 415, L485ME</p> <p>ASTM A 203 Gr. D, E; A 350 Gr. LF1, LF2, LF3; A 420 Gr. WPL3, WPL6; A 516 Gr. 60, 65, 70; A 572 Gr. 42, 50, 55, 60, 65; A 633 Gr. A, D, E; A 662 Gr. A, B, C; A 707 Gr. L1, L2, L3; A 738 Gr. A; A 841 A, B, C; API 5 L X52, X60, X65, X52Q, X60Q, X65Q</p> <p>Oceanfit 52, Oceanfit 60, Oceanfit 65, Oceanfit 355, Oceanfit 420, Oceanfit 460, PAS 460-550, alform® 500 M, 550 M, aldur 500 Q, 500 QL, aldur 550 Q, 550 QL</p>																
APPROVALS	CE																
WELDING POSITIONS																	
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>V</th> </tr> </thead> <tbody> <tr> <td>0.08</td> <td>0.7</td> <td>1.6</td> <td>0.6</td> <td>0.6</td> <td>0.3</td> <td>0.03</td> </tr> </tbody> </table>	C	Si	Mn	Cr	Ni	Mo	V	0.08	0.7	1.6	0.6	0.6	0.3	0.03		
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REDRYING	Not required																
GAS ACC. EN ISO 14175	M21																



CEWELD ER 100 S-G(L)

ER 100 S-G(L) 1,2MM

Packaging	KG/unit	EanCode
BS-300	15	8720663417169