



CEWELD 317L

TYPE	Solid Mag stainless steel welding wire with high Molybdenum content.																		
APPLICATIONS	CEWELD® 317L is suitable for welding stabilized and non-stabilized CrNiMo(N) steels of the 18Cr-14Ni-3Mo type with high corrosion resistance. It is also suitable for mixed welds between steel and stainless steel or dissimilar stainless steels. CEWELD® 317L is used in difficult corrosion conditions, for example in the petrochemical, pulp, cotton, and paper industries.																		
PROPERTIES	<p>CEWELD® 317L has good resistance to general corrosion and pitting due to its high molybdenum content.</p> <p>It is made from a non-magnetic stainless steel alloy that is characterized by high mechanical properties and excellent weldability. Its corrosion resistance is better than that of 316 types due to its increased alloy content. It is suitable for use up to 400 °C.</p> <p>Due to its low carbon content, CEWELD® 317L is particularly recommended when there is a risk of intergranular corrosion.</p> <p>The microstructure is austenitic with 5 to 10% ferrite.</p>																		
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.9: ER317L</td> </tr> <tr> <td>EN ISO</td> <td>14343-A: G 18 15 3 L</td> </tr> <tr> <td>F-nr</td> <td>6</td> </tr> <tr> <td>FM</td> <td>5</td> </tr> <tr> <td>W.Nr.</td> <td>1.4438</td> </tr> </table>	AWS	A 5.9: ER317L	EN ISO	14343-A: G 18 15 3 L	F-nr	6	FM	5	W.Nr.	1.4438								
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SUITABLE FOR	<p>ISO 15608: 8.1 Austenitic ≤ 19 % Cr</p> <p>1.4429, 1.4434, 1.4435, 1.4436, 1.4438, 1.4439, 1.4453, 1.4583, X2CrNiMoN 17 13 5, X2CrNiMoN 17 13 3, X2CrNiMo 18 15 4, X10CrNiMoNb 18 12, X2CrNiMoN17-13-3, X2CrNiMoN18-12-4, X2CrNiMo18-14-3, X3CrNiMnMoN19-16 UNS S31600, S31653, S31703, S31726, S31753, J92999 AISI 316Cb, 316LN, 317LN, 317L, A351 CG8M, CG3M</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>P</th> <th>S</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>Cu</th> </tr> </thead> <tbody> <tr> <td>0.01</td> <td>0.45</td> <td>1.4</td> <td>0.02</td> <td>0.01</td> <td>18.8</td> <td>13.6</td> <td>3.5</td> <td>0.12</td> </tr> </tbody> </table>	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	0.01	0.45	1.4	0.02	0.01	18.8	13.6	3.5	0.12
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		RT	-40°C																
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REDRYING TEMPERATURE	Not required																		
GAS ACCORDING EN 14175	M13, M12																		



CEWELD 317L

317L 0,8MM

Type	KG/unit	EANCode
BS-300	15	8720663415257

317L 1,0MM

Type	KG/unit	EANCode
BS-300	15	8720682051221

317L 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663415264

317L 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663415271