



CEWELD 317L Tig

TYPE	Solid stainless steel Tig welding wirestick with high Molybdenum content.																		
APPLICATIONS	CEWELD® 317L Tig 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 Tig is used in difficult corrosion conditions, for example in the petrochemical, pulp, cotton, and paper industries.																		
PROPERTIES	<p>CEWELD® 317L Tig 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 Tig 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: W 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: W 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>0.4</td> <td>1.5</td> <td>0.02</td> <td>0.01</td> <td>18.8</td> <td>13.6</td> <td>3.5</td> <td>0.13</td> </tr> </tbody> </table>	C	Si	Mn	P	S	Cr	Ni	Mo	Cu	0.01	0.4	1.5	0.02	0.01	18.8	13.6	3.5	0.13
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		RT	-40°C																
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REDRYING TEMPERATURE	Not required																		
GAS ACCORDING EN 14175	I1																		



CEWELD 317L Tig

317L TIG 1,6 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663415295

317L TIG 2,0 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663415301

317L TIG 2,4 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663415325

317L TIG 3,2 X 1000MM

Type	KG/unit	EANCode
Tube	5	8720663415332