



# CEWELD 308LSi

TYPE	Stainless steel GMAW wire for welding CrNi 18/10 types. (308LSi, 1.4316)															
APPLICATIONS	CEWELD 308LSi is for joint and overlay welding on like and similar type austenitic steels/cast steels in the following applications: Boilers, tanks, agriculture, liquid containers, food machinery, furniture.															
PROPERTIES	Austenitic filler metal for stabilized and non-stabilized CrNi steels. Heat resistant up to 350°C. Excelent toughness properties down to -196°C. Good resistance to nitric acid.															
CLASSIFICATION	AWS	A 5.9: ER308LSi														
	EN ISO	14343-A: G 19 9 L Si														
	F-nr	6														
	FM	5														
	W.Nr.	1.4316														
SUITABLE FOR	<b>ISO 15608: 8.1 Austenitic ≤ 19 % Cr 9%Ni , TÜV 1000: Gr. 21 - 22 (29 max.350°C),</b> 1.4301, 1.4306, 1.4307, 1.4308, 1.4311, 1.4312, 1.6900, 1.6901, 1.6902, 1.6903, 1.9606, 1.4541, 1.4546, 1.4550 X 5 CrNi 18 10, X 2 CrNi 19 11, X 5 CrNi 18 9, G-X 6 CrNi 18 9, X 12 CrNi 18 9, G-X 8 CrNi 18 10, X 6 CrNi 18 10, X 10 CrNiTi 18 10, X 5 CrNi 18 10 AISI 304, 304H, 312, 321H, 347, 347H, UNS S30409, S32109, S34709, S30400, S32100, S34700															
APPROVALS	TÜV (12386) CE DB (43.206.02)															
WELDING POSITIONS																
TYPICAL CHEMICAL ANALYSIS OF THE FILLER METAL (%)	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>C</th> <th>Si</th> <th>Mn</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> <th>Cu</th> </tr> </thead> <tbody> <tr> <td>0.016</td> <td>0.75</td> <td>1.9</td> <td>19.7</td> <td>10.5</td> <td>0.15</td> <td>0.1</td> </tr> </tbody> </table>		C	Si	Mn	Cr	Ni	Mo	Cu	0.016	0.75	1.9	19.7	10.5	0.15	0.1
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ALL WELD MECHANICAL PROPERTIES	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th rowspan="2">Heat Treatment</th> <th rowspan="2">R<sub>P0,2</sub> MPa</th> <th rowspan="2">R<sub>m</sub> MPa</th> <th rowspan="2">A<sub>5</sub> (%)</th> <th colspan="2">Impact Energy (J) ISO-V</th> </tr> <tr> <th>RT</th> <th>-196°C</th> </tr> </thead> <tbody> <tr> <td>As Welded /</td> <td>425</td> <td>585</td> <td>37</td> <td>110</td> <td>40</td> </tr> </tbody> </table>		Heat Treatment	R <sub>P0,2</sub> MPa	R <sub>m</sub> MPa	A <sub>5</sub> (%)	Impact Energy (J) ISO-V		RT	-196°C	As Welded /	425	585	37	110	40
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			RT	-196°C												
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REDRYING TEMPERATURE	Not required															
GAS ACCORDING EN 14175	M11, M13, M12															



# CEWELD 308LSi

## 308LSi 0,8MM

Type	KG/unit	EANCode
BS-300	15	8720663412553
D-100	1	8720663412546
D-200	5	8720663412577
Drum	250	8720663412560

## 308LSi 0,9MM

Type	KG/unit	EANCode
BS-300	15	8720663412539

## 308LSi 1,0MM

Type	KG/unit	EANCode
BS-300	15	8720663412584
D-100	1	8720663412591
D-200	5	8720663412614
Drum	250	8720663412607

## 308LSi 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663412621
Drum	250	8720663412638

## 308LSi 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663412645
Drum	250	8720663412652