



# CEWELD 430

TYPE	Solid stainless steel welding wire for ferritic stainless steels. ( Type 430, 17% Cr)														
APPLICATIONS	CEWELD® 430 can be used for various build-up welding and joining applications. Sealing surfaces in steam, gas, and water fittings at operating temperatures up to +450°C.														
PROPERTIES	<p>CEWELD® 430 offers excellent weldability, good corrosion resistance and high temperature resistance. Its Brinell hardness is approximately 225 HB, depending on the base material and the number of layers.</p> <p>CEWELD® 430 exhibits scale resistance of up to 950°C in air, oxidising combustion gases and sulfur-containing combustion gases at higher temperatures. It is preferable to weld with a pulsed arc and to preheat larger wall thicknesses to between 150 and 300°C. Ensure low heat input.</p>														
CLASSIFICATION	<table border="0"> <tr> <td>AWS</td> <td>A 5.9: ER430</td> </tr> <tr> <td>EN ISO</td> <td>14343-A: G 17</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>1.4015</td> </tr> </table>	AWS	A 5.9: ER430	EN ISO	14343-A: G 17	F-nr	6	FM	5	W.Nr.	1.4015				
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SUITABLE FOR	<p><b>Ferritic 17 % Chrome steel,</b>            1.4000, 1.4002, 1.4016, 1.4057, 1.4740, 1.4742, 1.4057, 1.4059, 1.4741, 1.4509, 1.4510, 1.4511, 1.4512, 1.4520, 1.4712, 1.4713, 1.4724,            X7Cr14, X12Cr13, X17CrNi16-2, X6Cr13, X6CrAl13, X6Cr17, X17CrNi16-2, X2CrTiNb18, X3CrTi17, X3CrNb17, X2CrTi12, X2CrTi17, X10CrSi6, X10CrAlSi7, X10CrAlSi13, X10CrAlSi18            UNS S40300, S40500, S40900, S41000, S42900, S43000, S43035, S43036, S43100, S44200            AISI 403, 405, 409, 410, 429, 430, 430Cb, 430Ti, 439, 431, 442</p>														
APPROVALS	CE														
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>0.02</td> <td>0.3</td> <td>0.4</td> <td>17</td> <td>0.5</td> <td>0.06</td> <td>0.1</td> </tr> </tbody> </table>	C	Si	Mn	Cr	Ni	Mo	Cu	0.02	0.3	0.4	17	0.5	0.06	0.1
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As Welded /	320	460	21												
REDRYING TEMPERATURE	Not required														
GAS ACCORDING EN 14175	M11, M13, M12, M21														



# CEWELD 430

430 1,0MM

Type	KG/unit	EANCode
BS-300	15	8720663411990

430 1,2MM

Type	KG/unit	EANCode
BS-300	15	8720663412003

430 1,6MM

Type	KG/unit	EANCode
BS-300	15	8720663412027