


AA 316LP

CATEGORY	FCAW Flux-Cored																												
TYPE	Rutile flux cored stainless steel welding wire for welding in all positions.																												
APPLICATIONS	Welding stainless steel types of the AISI 316 grade in case high weld metal quality and a attractive bead appearance are required.																												
PROPERTIES	Smooth drop transfer and stable arc with no spatter losses. Excellent productivity and weldability, better wetting properties compared to solid wires. Excellent weld metal quality and X-ray soundness and excellent slag removal. Excellent for use in position and down hand as well. Suitable for Co2 and M21.																												
CLASSIFICATION	AWS	A 5.22: E 316L T 1-4/-1																											
	EN ISO	17633-A: T 19 12 3 L P M 1																											
	DIN: W.Nr.	1.4430																											
	DIN	8556: 19 12 3 L																											
SUITABLE FOR	Stainless steels for general use: NF A 35-573, 35-574, 35-575, 35-576 : Z2 CND 17.12, Z2 CND 17.13, Z6 CND 17.11, Z6 CND 12. ASTM/AISI : 316, 316 L, 316 LN. DIN 17 440 : X2 Cr NiMo 18.19, X2 Cr Ni Mo 18.10, X2 Cr NiMo 18.12, X5 Cr Ni Mo 18.10, X5 Cr Ni Mo 18.12 Werkstoff Nr : 1.4401, 1.4404, 1.4435, 1.4436, 1.4571, 1.4573, 1.4580, 1.4583, 1.4437. UGINE :NSM 21 S, MKS.																												
APPROVALS	LLoyds, CE approved																												
WELDING POSITIONS:																													
ALL-WELD METAL ANALYSES %	<table border="1"> <thead> <tr> <th>C</th> <th>Mn</th> <th>Si</th> <th>Cr</th> <th>Ni</th> <th>Mo</th> </tr> </thead> <tbody> <tr> <td>0.03</td> <td>1.40</td> <td>0.70</td> <td>18.50</td> <td>12.5</td> <td>2.55</td> </tr> </tbody> </table>					C	Mn	Si	Cr	Ni	Mo	0.03	1.40	0.70	18.50	12.5	2.55												
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GAS ACC. EN ISO 14175:	M21																												