


## 316LSi Tig

<b>CATEGORY</b>	GMAW-GTAW Solid wires																																																						
<b>TYPE</b>	Austenitic Tig rod with excellent resistance against general corrosion.																																																						
<b>APPLICATIONS</b>	The alloy is widely used in the chemical and food-processing industries, as well as in shipbuilding and various types of architectural structure.																																																						
<b>PROPERTIES</b>	316LSi offers good general corrosion resistance, particularly to corrosion in acid and chlorinated environments. The alloy has a low carbon content which makes it particularly recommended when there is a risk of intergranular corrosion. The higher silicon content improves the welding properties such as wetting and results in a bright seam.																																																						
<b>CLASSIFICATION</b>	AWS	A 5.9: ER316LSi																																																					
	EN ISO	14343-A: W 19 12 3 L Si																																																					
	DIN: W.Nr.	1.4430																																																					
<b>SUITABLE FOR</b>	1.4583	X102CrNiMoNb 18 12	316Cb	UNS S31640																																																			
	1.4435	X2CrNiMo 18 14 3 (TP)	316L	.																																																			
	1.4436	X4CrNiMo 17 13 3	-	.																																																			
	1.4404	X2CrNiMo 17 12 2 (TP)	316L	UNS S31603																																																			
	1.4406	-	316LN	UNS S31653																																																			
	1.4408	X 5 CrNiMo 19 11 2	316H	.																																																			
	1.4401	X4CrNiMo 17 12 2 (TP)	316	UNS S31600																																																			
	1.4571	X6CrNiMo 17 12 2	316 Ti	UNS S31635																																																			
	1.4580	X6CrNiMoNb 17 12 3	316Cb	.																																																			
	1.4406	X2CrNiMoN 17 12 3 (TP)	316LN	.																																																			
<b>APPROVALS</b>	TUV (12388.00), DB (43.206.04), CE approved																																																						
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<b>REDRYING TEMPERATURE</b>	not required																																																						

