



## STAINLESS STEEL FILLER WIRE FOR TIG WELDING ALPHA TIG -385

### Characteristics & Applications:-

**ALPHA TIG 385** is corrosion-resistance chromium nickel-molybdenum-Copper wire for the GTA Welding of austenitic stainless alloy of the 20% Cr, 25% Ni, 5% Mo, 1.5% Cu & 0.1% N with low carbon type. Weld metal has good resistance to stress corrosion and inter granular corrosion and displays very good resistance to attacks in non oxidizing acids. Its resistance to crevice corrosion is better than that of ordinary 18% Cr, 8% Ni, Mo Steels. The alloy is widely used in many applications related to the process industry.

### Typical Wire Chemical Composition

Element	Percent
C	0.01
Si	0.45
Mn	1.8
Cr	20
Ni	25
Mo	5.0
CU	1.5

### Typical Mechanical Properties of all weld Metal

<b>AWS/A5.9</b>	ER-385
<b>Process</b>	TIG & Gas
<b>Melting Point</b>	1440°C.
<b>Ultimate Tensile Strength</b>	620N/MM2
<b>Recommended Flux</b>	Stainless Steel
<b>Tip Colour</b>	Lemon Yellow

## Contact us:-ALPHA ARC PVT. LTD.

H.O:- B-21, DSIIDC Complex, Kirti Nagar, New Delhi- 15  
Works: B -5, Sec- A-5/6, Tronica City, Loni, Ghaziabad (U.P.) 201102  
Phone No.011-41041441,Email-alphaarc Pvt Ltd@gmail.com  
Website: www.alphaarcelectrodes.com

