

# GETIG 4043

## GAS AND TIG WELDING CONSUMABLES

### IDENTIFICATION

Getig 4043, ER 4043

### CLASSIFICATION

AWS/SFA 5.10: ER4043 IS: 5897: SNG 21

### DESCRIPTION

Getig 4043 is a premium quality Aluminum nominal 5% Silicon alloy rod. Its lower weld deposit strength and excellent crack resistance make it suitable for GAS or GAS TUNGSTEN ARC (GTAW / TIG) welding of cast alloys.

### CHEMICAL ANALYSIS (RANGE) %

Si	Fe	Cu	Mn	Mg	Zn	Ti	Al
4.5 - 6.0	0.80 max	0.10 max	0.50 max	0.05 max	0.10 max	0.20 max	balance

### TYPICAL APPLICATIONS

Suitable for Gas Welding and Gas Tungsten Arc (GTAW/ TIG) Welding applications of cast mainly (4XX & 6XX series) alloys and wrought (selected 1XXX, 5XXX & 6XXX series) aluminum alloys, except where an accurate colour match is required after anodizing.

### PROCEDURE FOR GAS TUNGSTEN ARC (TIG) WELDING

Thoroughly clean all areas to be joined. For the butt welding of thick plates, bevel to 65° -75° included angle. Use a Zirconiated tungsten electrode, ground to a tapered blunt point .Use high frequency stabilized alternating current (AC-HF) and Welding Grade Argon. Preheat high sections before welding, heat a spot on the base metal until it shows signs of melting and progressively add the filler rod to the weld pool.

**CURRENT CONDITION : AC (+)**

### PACKING PARAMETERS

Size (mm)	Length (mm)	Packing / Pkt (kg)	Packing / Box (kg)
1.6	1000	2	2 x 4 = 8
2	1000	2	2 x 4 = 8
2.40 / 2.50	1000	2	2 x 4 = 8
3.15 / 3.20	1000	2	2 x 4 = 8
4	1000	2	2 x 4 = 8