

Article info sheet: UTP 48

Article number:	53703
Name:	UTP 48
Description:	UTP 48 contains 12% Si for welding of aluminium alloyed with copper, silicon, and magnesium. Also excellent for joining dissimilar grades of aluminium. Unique self-lifting slag. Pure white coating outlasts conventional products in moisture resistance. Available in hermetically sealed aluminium tins
Features	
Image:	
Approvals	
CE	X
Characteristics and typical fields of application	
Short Description	UTP 48 contains 12% Si for welding of aluminium alloyed with copper, silicon, and magnesium. Also excellent for joining dissimilar grades of aluminium. Unique self-lifting slag. Pure white coating outlasts conventional products in moisture resistance. Available in hermetically sealed aluminium tins
Classifications	

EN ISO Norm A	EN ISO 18273
EN ISO Classification A	E Al 4047 (AlSi12)
Details welding consumables	
CE	X
CLASS EN ISO	E Al 4047 (AlSi12)
NORM EN ISO	EN ISO 18273
Mechanical Properties - Condition 1	
Condition	u
Yield Strength Re	80 MPa
Tensile Strength Rm	180 MPa
Elongation A (L0=5d0)	5 %
Typical analysis (Chemical Composition)	
Si	11.8 %
Mn	0.04 %
Ti	0.18 %
Cu	0.23 %
Al	86.6 %
Zn	0.08 %
Fe	0.8 %
Mg	0.04 %
Be	0.0003 %