



AWS A5.18: ER70S-2
EN ISO 636 2008 A W2Ti

Solid wire Welding of Mild Steel

MS-A15

DESCRIPTION & APPLICATION

Triple Deoxidised, copper coated TIG Filler Wire for the joining of Mild Steel. Ideal for root runs in Pipework and thick walled material.

BASE MATERIALS

Mild Steel piping, Boiler Plate BS 4360

MECHANICAL PROPERTIES

>520

UTS n/mm

>420

YIELD 0.2%

25

ELONG A5%

~80

CHARPY (J) -20°C

METAL WELD COMPOSITION %

C

0.05

Si

0.6

Mn

1.1

Cr

0.12

Fe

BAL

PACKAGING

5kg Tubes (TIG)

DIAMETERS

1.6, 2.4, 3.2mm (TIG)

WELDING INSTRUCTIONS

100% Argon

7

Un-alloyed Steels