

## **PRODUCT INFORMATION**

# WELDABILITY GASSLESS

AWS A 5.20: E71T EN ISO 17632-A: T 42

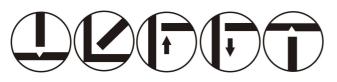
E71T-GS T 42 Z W N 1 H15

### DESCRIPTION

E71T-GS is a carbon steel MIG welding wire that totally eliminates the need for shielding gas. It is a self-shielding, all-position flux-cored wire for single pass applications. It has a good travel speed and produces smooth weld edges.

E71T-GS is particularly suited to welding on thin gauge mild and galvanised steel in all positions. The use of DC straight polarity will minimise the risk of burn-through.

## WELDING POSITIONS



This product does not require the use of a shielding gas.

The tables opposite show ideal operating parameters (under DC straight polarity) and physical welding characteristics of the E71T-GS product.

#### **TYPICAL WELD METAL COMPOSITION**

| Fe   | Bal   |  |
|------|-------|--|
| C %  | 0.17  |  |
| Si % | 0.38  |  |
| Mn % | 0.90  |  |
| Al   | 1.40  |  |
| S %  | 0.008 |  |
| P %  | 0.014 |  |

#### **TYPICAL MECHANICAL PROPERTIES**

| Ult Tensile Strength | 560 MPa |
|----------------------|---------|
| Yield Strength       | 450 MPa |
| Elongation A 5d      | 23%     |

#### MATERIAL TO BE WELDED

WELDABILITY GASLESS flux-cored MIG wire is available from Weldability Sif in 0.8mm diameter and on 0.45kg, 0.9kg and 4.55kg reels.

## AVAILABLE FORMATS

| SPOOLED WIRE |           |           |           |  |
|--------------|-----------|-----------|-----------|--|
| Dia          | 0.45kg    | 0.90kg    | 4.55kg    |  |
| 0.8mm        | VZFC08045 | VZFC08090 | VZFC08450 |  |

For further information, contact Weldability | Sif technical support on 0870 330 7757 or email service@weldability-sif.com



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