

TAURUS E71T-1-H4 SPEC FLUX-CORED MIG WIRE

Description

The Taurus FCW E71T-H4 SPEC is a high-quality, high-deposition rutile flux-cored wire with an enhanced degree of fill for Argon/CO? gas mixtures. It is ideal for welding 355-460Mpa steels and thick steel components. The diffusible hydrogen level is consistently below 4ml/100g in deposited weld metal and since the seam of the wire is laser welded, there is no moisture pick-up. The wire is not copper coated and therefore there can be no contamination of feed liners, torches or contact tips resulting from copper flakes. It is designed for welding medium-strength steels (420MPa,61psi yield strength) using either 100% CO? shielding or Argon/CO? shielding gas mixture (15 – 25% CO? and balance Argon).

TYPICAL APPLICATIONS

Hard-facing of hot cut-offs, shear blades, dies for pressure casting, scraper blades, conveyors, rollers, crusher rolls and worn parts in agricultural equipment.

WELDING POSITIONS

- Down hand
- Horizontal flat
- Horizontal vertical
- Vertical up
- Vertical down
- Overhead

CLASSIFICATIONS

- AWS A5.20: E71T-1 H4 / E71T-1M H4
- EN 758: T 46 2 P C 1 H5 / T 46 2 P M 1 H5

AVAILABLE IN

- 1.2mm – 15kg spool pack
- 1.6mm – 15kg spool pack

COMPOSITION	%
Carbon	0.05
Manganese	1.2

Silicon	0.55
Sulphur	–
Phosphorous	–

MECHANICAL	**AS WELDED**
Yield strength (N/mm²)	?460
Tensile strength (N/mm²)	550-650
Elongation A5 (%)	?22
Impact Energy ISO – V (J) – 20°C	? 80

Product Category

1. Consumables
2. Flux Cored
3. Mig Wire
4. Mild Steel

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