

### Key Facts

- General purpose E71T-1 flux core wire
- Designed for Co2 gas for lower operating cost
- Smooth, soft welding arc
- Low spatter, easy to remove slag

### Description

A precision layer wound, titania type, flux cored wire applicable for all-positional welding including vertical downward by CO2 gas shielding. Provides excellent usability with a stable arc, less spattering and easy slag removal. It has a high deposition rate.

### Classifications, Approvals & Conformances

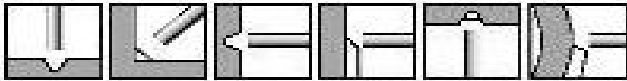
AWS A5.20 E71T-1  
ASME/AWS A5.20 E71T-1  
EN 758 T 42 0 P C 1 H10  
JIS Z3313 YFW-C50DR

### Recommended Shielding Gas

100% CO<sub>2</sub> or 75% Ar / 25% CO<sub>2</sub> mix

### Welding Positions

All positions except vertical down



PA PB PC PF PE PF

### Applications

Ideal for butt and fillet welding of mild steel and high tensile steel on ship hulls, vehicles, machinery, pipes and buildings.

- Structural steel fabrication
- Construction of rural equipment
- Pressure vessels
- Earth moving equipment

### Typical All Weld Metal Analysis

C - Carbon	Mn- Manganese	Si - Silicon	P - Phosphorus
< 0.18	< 1.75	< 0.90	< 0.03
S - Sulphur			
< 0.03			

### Typical All Weld Metal Mechanical Properties

0.2% Proof Stress:	> 510N/mm <sup>2</sup>
Tensile Strength:	570N/mm <sup>2</sup>
Elongation (5xD):	30%

### Packaging & Ordering Information

Size	Weight	Part Number
1.2mm	15kg	200262
1.6mm	15kg	200263

Disclaimer: The above information is provided as a guide; actual welding current and voltage will depend on the welding machine characteristics, which will vary from model to model. Other variables include run length and size, plate thickness, operator technique and gas type (if used). The user must evaluate the process, application and recommended professional advice. Under no circumstance will Dynaweld or its affiliates be liable for misuse or application of products this is entirely up to the user's ability.