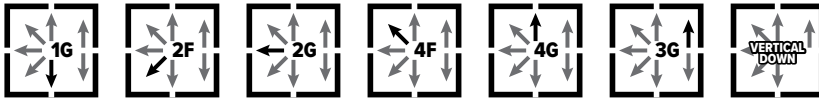


## FLUX-CORED GAS-SHIELDED WIRE

# HYPERSHIELD 71T+



### Summary

HYPERSHIELD 71T+ is a titania-type flux-cored wire designed for all-position welding. It boasts excellent mechanical properties, offering easy slag removal alongside reduced spatter. The result is a smooth bead surface that provides the utmost confidence during X-ray inspections, ensuring weld integrity. This wire also stands out for its exceptional impact resistance, even at temperatures as low as -40°C.

### Typical Applications

- Structural steelwork
- Earth-moving equipment fabrication
- Shipbuilding and repair
- Storage tank construction
- Bridge construction and maintenance
- Heavy machinery assembly
- Industrial equipment manufacturing
- General fabrication involving medium to high-strength steel

### Classification

- AS/NZS ISO 17632-B: T49 4 T12-1 M A U H5

### Standards

- AWS A5.20 E71T-12M J H4

### Recommended Gas

- 100% CO<sub>2</sub>
- Ar+20-25% CO<sub>2</sub>

### Operating Polarity

- DCEP

### Typical Chemical Composition (%)

C	Mn	Si	P	S	Ni
0.030	1.100	0.480	0.010	0.010	0.330
Cr	Mo	V	Cu		
0.020	0.010	0.010	0.010		

### Typical Mechanical Analysis

<b>YIELD STRENGTH</b>	559
<b>TENSILE STRENGTH</b>	578
<b>ELONGATION</b>	29
<b>TEST TEMP. (°C)</b>	-40
<b>ABSORBED ENERGY</b>	78

### Packaging Info

SKU	DESCRIPTION
U61008	HYPERSHIELD 71T+ FLUX-CORED GAS-SHIELDED WIRE 1.2MM 15KG
U61009	HYPERSHIELD 71T+ FLUX-CORED GAS-SHIELDED WIRE 1.6MM 15KG