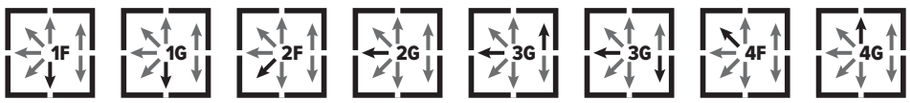
HYPERCORE T-11

PREMIUM FLUX-CORED SELF-SHIELDED





Summary

HYPERCORE T-11 flux-cored wire offers efficiency and high-level performance. It eliminates the need for external shielding gas, making it ideal for outdoor tasks. Designed for versatility in all-position welding, it features easy slag removal and rapid freezing characteristics. Appropriate for both single and multiple pass applications.

Typical Applications

- Light structural steel construction
- General fabrication
- Storage tank construction and repair
- Galvanised steel welding
- Outdoor repair and maintenance tasks
- Agricultural machinery repairs
- Steel erection
- Equipment assembly

Classification

- AS/NZS ISO 17632-B: T49ZT11-1NA-H15

Standards

- AWS A5.20 E71T-11
- AWS A5.36 E71T11-AZ-CS3-H8

Operating Polarity

- DCEN

Typical Chemical Composition (%)

C	Mn	Si	P	S	Ni
0.210	0.710	0.370	0.010	0.010	0.010
Cr	**Mo**	**V**	**Cu**	**Al**	
0.020	0.010	0.010	0.020	1.610	

Typical Mechanical Analysis

Yield Strength	484
Tensile Strength	601
Elongation	24

Recommended Welding Parameters (DCEN)

Position/diameter (mm)		0.8	0.9	1.2	1.6
Flat	Current (A) Voltage (V)	30–130 A 14–16 V	50–140 A 16–22 V	110–200 A 14–18 V	160–260 A 16–22 V
Horizontal Fillet		30–130 A 14–16 V	50–140 A 16–22 V	110–200 A 14–18 V	160–260 A 16–22 V
Vertical Up		30–130 A 14–16 V	50–140 A 16–22 V	110–200 A 14–18 V	160–200 A 16–20 V

Shielding gas: Self-shielded. No shielding gas required.

Ventilate adequately, especially indoors or in confined spaces; use a longer contact-tip-to-work distance than for gas-shielded flux-cored wire.

Country of Origin

- Made in South Korea

Packaging Info

SKU	Wire Size	Weight	Description
U61001	0.8mm	4.54kg	HYPERCORE T-11 FLUX-CORED SELF-SHIELDED WIRE PREMIUM 0.8MM 4.54KG
U61002	0.9mm	4.54kg	HYPERCORE T-11 FLUX-CORED SELF-SHIELDED WIRE PREMIUM 0.9MM 4.54KG
U61014	1.2mm	4.54kg	HYPERCORE T-11 FLUX-CORED SELF-SHIELDED WIRE PREMIUM 1.2MM 4.54KG
U61015	1.2mm	15kg	HYPERCORE T-11 FLUX-CORED SELF-SHIELDED WIRE PREMIUM 1.2MM 15KG
U61016	1.6mm	15kg	HYPERCORE T-11 FLUX-CORED SELF-SHIELDED WIRE PREMIUM 1.6MM 15KG