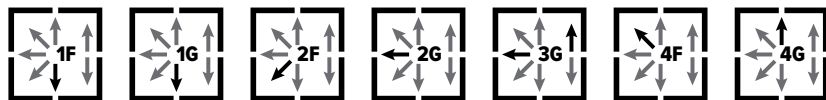


FLUX-CORED GAS-SHIELDED WIRE

HYPER  **SHIELD** **71T****Summary**

HYPERSHIELD 71T is a rutile-type flux-cored wire tailored for all-position welding. This wire demonstrates excellent mechanical properties, allows for easy slag removal, and produces a bead with a smooth surface and minimal spatter. Ensuring high X-ray safety, this wire yields welds that are consistent and free from internal defects. Additionally, its higher deposition rate denotes a more efficient welding process.

Typical Applications

- Structural steelwork and construction
- Shipbuilding and marine structures
- Heavy equipment manufacturing
- Storage tank and vessel fabrication
- Pipeline construction and repair
- Industrial machinery production
- Bridge building and infrastructure projects
- Power generation equipment
- Offshore drilling platforms
- General metal fabrication tasks

Classification

- AS/NZS ISO 17632-B: T49 3 T1-1 C/M A U H5

Standards

- AWS A5.20 E71T-1C/1M, 9C/9M H8

Approvals

- DNV
- BV
- PRS
- CE

Packaging Info

SKU	WIRE SIZE	WEIGHT	DESCRIPTION
U61003	1.2mm	15kg	HYPERSHIELD 71T FLUX-CORED GAS-SHIELDED WIRE 1.2MM 15KG
U61004	1.6mm	15kg	HYPERSHIELD 71T FLUX-CORED GAS-SHIELDED WIRE 1.6MM 15KG

Recommended Gas

- 100% CO₂
- Ar+20-25% CO₂

Operating Polarity

- DCEP

Typical Chemical Composition (%)

C	Mn	Si	P	S	Ni
0.040	1.380	0.650	0.010	0.010	0.010
Cr	Mo	V	Cu		
0.030	0.020	0.010	0.020		

Typical Mechanical Analysis

YIELD STRENGTH	569
TENSILE STRENGTH	597
ELONGATION	30
TEST TEMP. (°C)	-30
ABSORBED ENERGY	153

Country of Origin

Made in South Korea