

SM-70 eco

General purpose solid wire for mild & 490MPa steel

Introduction



SM-70 eco is a general purpose, copper-coated AWS ER70S-6 solid wire for manual and semiautomatic applications. It is widely used in industries including structural fabrication, automotive, heavy equipment, and shipbuilding.

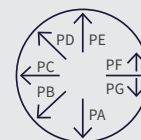
Designed for all-position welding using a short-circuiting type transfer, SM-70 eco excels with its high deposition efficiency and deep penetration capabilities, facilitating highly efficient welding processes. It is compatible with CO₂/Argon + 15~25% CO₂ gas.

Specifications

- AWS A5.18 ER70S-6
- EN ISO 14341-A G 42 4 C1 3SiI
G 42 4 M21 3SiI

Welding Position

- All position welding



Approvals

Shielding gas	Welding Position	Register of shipping & Size (mm)					
		CCS	ABS	LR	BV	CWB	TUV
C1 (100% CO ₂)	All (Except OH)	3YS 0.8-1.6	4YSA 0.8~1.6	3YSH15 0.8~1.6	4YSA 0.8~1.6	B-G 49 A 3 C1 S6 (B-G 49A 3 C G6) 0.8- Unlimited	DIN EN ISO 14341-A-G 42 4 C1 3SiI
M21 (80% Ar + 20% CO ₂)	F- H-Fil	-	-	4YSMH15 0.8~1.6	-	-	DIN EN ISO 14341-A-G 42 4 M21 3SiI