SIFCORED E70C-6M
Metal Cored Steel MIG Wire

A metal-cored wire which produces low-hydrogen weld metal with good mechanical properties. SIFCORED E70C-6M Metal Cored Steel MIG Wire is suitable for welding mild steel and 490 MPa high tensile steels at high rates of deposition.

Well-suited for applications such as steelwork, shipbuilding, bridge construction, trailer manufacturing, and tank building.

Positions



Suitable for use in all positions, and is especially good for high speed vertical down with negative polarity.

Current DC=+/DC=-

Shielding Gas $ArCO_2$

Available Formats

Dia.	5kg	16kg
1.2mm	WO701250	WO701216

Typical Weld Metal Composition

	DC+	DC-
C	0.08%	0.08%
Si	0.52%	0.50%
Mn	1.43%	1.39%
P	0.008%	0.009%
S	0.009%	0.009%
Al	1.0%	1.0%
Ni	2.5%	2.5%

Typical Mechanical Properties

	DC+	DC-
Ult Tensile Strength	600 N/mm^2	604N/mm^2
Yield Strength	510 N/mm^2	523N/mm^2
Impact Values ISO-V	110J@-40°C	116J@-40°C
Elongation	30%	29%

Standards

EN ISO 17632-A-T 46 4 M M 1 H5
AWS A5.18 E70C-6M

CE