

STRONG EH12K

CLASSIFICATION: AWS SFA 5.17 EH12K

Copper Coated SAW Wire for Mild Steel & 490 MPa High Tensile Steels



CHARACTERISTICS & APPLICATIONS

STRONG EH12K is a high-manganese copper coated wire for submerged arc welding of unalloyed and low alloyed fine grain steel of medium & high strength. It is classified as a SAW wire with balanced Manganese and Silicon to enhance impact properties on welds that require high deposition rates in both the as-welded and postwelded heat-treated conditions. This SAW wire can be used in shipbuilding, structural steel construction and in the fabrication of boilers and containers.

TYPICAL WIRE CHEMISTRY (%)

C	Mn	Si	S	P	Cu
0.06-0.15	1.50-2.00	0.25-0.65	0.025 MAX	0.025 MAX	0.35 MAX

PACKAGING SPECIFICATIONS - SAW SPOOL PACK

DIA SIZE 1.60MM / 2.00MM / 2.40MM / 3.15MM / 4.00MM / 5.00MM

SPOOL WEIGHT 25KGS / 30KGS

PACKAGING SPECIFICATIONS - DRUM PACK

DIA SIZE 1.60MM / 2.00MM / 2.40MM / 3.15MM / 4.00MM / 5.00MM

WEIGHT 150KGS / 250KGS / 300KGS / 350KGS / 500KGS

RECOMMENDED COMBINATION SAW FLUX

WIRE SIZE 2.40MM AND ABOVE

STRONG FLUX 10G / STRONG FLUX 62

WIRE SIZE 2.40MM AND BELOW

STRONG FLUX 12HS / STRONG FLUX 16HS

STRONGWIRE
Industries

www.strongwire.in