

STRONG EF5

CLASSIFICATION: AWS SFA 5.23 EF5

SAW Wire for High Strength Steels



CHARACTERISTICS & APPLICATIONS

STRONG EF5 is a medium carbon, Nickel alloyed, copper coated wire for the Submerged Arc Welding of similar composition high strength, quenched & tempered steels. The weld metal will possess high tensile strength & radiographic quality with approx. 2.50% Ni deposition. Especially suitable for vessel construction & welding of pipes and tubes of matching compositions for power plants, refineries, petrochemicals, fertilizers plants etc.

TYPICAL WIRE CHEMISTRY (%)

C	Mn	Si	S	P	Cr	Ni	Mo	Cu
0.10- 0.17	1.70- 2.20	0.20 MAX	0.015 MAX	0.010 MAX	0.25- 0.50	2.30- 2.80	0.45- 0.65	0.50 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 16HS