



D & H INDIA LIMITED
Formerly 'D & H Welding Electrodes (India) Ltd'

MIG ARC - WS - 6

Copper Coated Continuous Solid Wire For MIG/MAG Welding



- Good conductivity* ■
- Radiographic quality* ■

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CLASSIFICATION

AWS: SFA 5.18 - ER 70S-6

IS: 6419-1996 - GRADE S 4

CHARACTERISTICS

MIG ARC-WS-6 is highly deoxidized Copper Coated Manganese-Silicon bearing wire for continuous welding with CO₂ shield gas and other commercially available shielding gas mixtures. Unique coppering process ensures excellent copper adherence and good conductivity, also useful for high speed feeding. It produces an almost slag free Radiographic quality weld deposit which helps in minimizing cleaning operation after welding.

APPLICATIONS

MIG ARC-WS - 6 is highly suitable for Welding of mild steel, low alloy steel and for general shop fabrication etc. Some of the typical applications include sheet metal welding, construction work, farm implement fabrication, tanks, bus bodies, truck bodies, wagons and rail coaches etc.

WIRE COMPOSITION (%)

C	Mn	Si	S	P	Cu
0.06-0.15	1.40 -1.85	0.80 - 1.15	0.035 Max	0.025 Max	0.50 Max

ALL WELD MECHANICAL PROPERTIES - (UNDER - CO₂ SHIELD)

Y.S. Mpa	U.T.S. MPa	ELONGATION %	CVN IMPACT VALUE AT -30°C JOULE
400.0 MIN.	480.0 MIN.	22.0 MIN.	27.0 MIN.

PACKING - SPECIFICATION

AVAILABLE SIZE	:	Dia 0.80MM/ 1.20 MM/ 1.60MM/ 2.0MM
DIMENSION OF SPOOL	:	300 MM X 100 MM X 51 MM
WEIGHT	:	12.5 Kgs. (on request up to 15.0 Kgs. per spool)
PACKING	:	Each spool is sealed in an airtight polythene bag, which is Placed in a corrugated box and then it is shrink wrapped.
PRECAUTION	:	To be stored in dry place.