

VALIANT

VALIANT ARC 70S6

AWS:SFA 5.18 - ER 70S-6 IS: 6419-1996 - GRADE S 4

Valiant Arc 70S6 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.

CHEMICAL 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

MECHANICAL PROPERTIES

UTS (Kg/mm ²)	YS (Kg/mm ²)	EI (L = 4D)%	CVN Impact strength at -30 °C
480.0 MIN.	400.0 MIN.	22.0 MIN.	27.0 MIN.

PACKING DETAILS

Available Size	: Dia 0.80 MM / 1.20 MM / 1.60 MM / 2.0 MM
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 alright polythene bag, which is placed in a corrugated box and then it is shrink wrapped.
Precaution	: To be stored in dry place.

APPLICATION

Valiant Arc 70S6 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, wagons and rail coaches etc.

INDIA

Decolite Industries
73, Pologround,
Industrial Estate
Indore, M.P. 452015, India

UAE

Blasting Equipments and Abrasive Trading
Ras Al Khaimah, UAE
Tel: +97-1-552875841, +97-1-552875840
E mail: info@valiantweld.com

E-mail

mkt@valiantweld.com
robin@sptwelding.com



VALIANT