

GENERAL DESCRIPTION

Elite 845 is a high-quality Italian manufactured under strict quality control triple shaved, precision layer wound and high strength solid aluminium wire suitable for welding Al Mg 4,5% Mn alloy. Smooth wire feed, a low fume factor and clean welds the 845 has a good resistance to atmospheric corrosion and sea water and suitable for aluminium base metals 5xxx and 6xxx series.

APPLICATIONS:

- General aluminium fabrication
- Boat building where high resistance to sea water is required.
- Construction
- Automotive
- Storage tanks

WELDING POSITIONS



CLASSIFICATION

SFA - 5.10/5.10M : 2012 AWS ER 5183
AS/NZS ISO 18273 - S Al 5183

RECOMMENDED SHIELDING GASES

100% Argon
Argon/Helium mixtures

CHEMICAL COMPOSITION

Wt% - wire	Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr	Be	Al
	0.20	0.15	0.05	0.60	5.00	0.05	0.07	0.07	≤0,0003	REM

TYPICAL MECHANICAL PROPERTIES

Typical as welded	
Yield Strength	125 Mpa
Tensile strength	285 Mpa
Elongation	17%

DEPOSITION DATA - DCEP (DC+)

1.2mm Diameter	
Current (A)	80-220A
Voltage (V)	16-23V

Welding parameters are a guide only as they are dependent on the machine used, material thickness and operator experience.
No data is to be construed as a recommendation for any welding condition or technique by Euromarc.

CONFORMANCE AND APPROVAL

CE
ABS
LR
DB
TUV
Rina

STORAGE

Store all wire spools in their original packaging in a controlled environment of less than 50% relative humidity.

WARNING

Electric shock can kill. Arc rays can injure eyes. Welding fumes are hazardous to your health and may damage lungs and other organs. Use adequate ventilation. Arc rays and sparks can injure eyes and burn skin. Wear correct hand, head, eye and body protection.

Read and understand the Safety Data Sheet for this product.

PACKAGING INFORMATION

Size	Weight	Spool	Part Number / Order code
1.2	7kg	D300	VW84501207

