

GENERAL DESCRIPTION

Elite 891 is a high-quality Italian manufactured filler rod in 5% Mg alloyed aluminium suitable for welding a wide range of cast and wrought aluminium alloys and has a good resistance to marine atmospheric corrosion. Suitable for welding a wide range of aluminium base metal alloys 3xxx, 5xxx and 6xxx.

APPLICATIONS:

- General aluminium fabrication
- Shipbuilding
- Construction
- Automotive
- Storage tanks

WELDING POSITIONS



CLASSIFICATION

SFA - 5.10/5.10M : 2012 AWS R 5356

AS/NZS ISO 18273 - S Al 5356

RECOMMENDED SHIELDING GASES

100% Argon

Argon/Helium Mixtures

CHEMICAL COMPOSITION

Wt% -	Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr	Be	Al
wire	0.10	0.20	0.02	0.10	5.00	0.05	0.10	0.10	≤0,0003	REM

TYPICAL MECHANICAL PROPERTIES

Typical as welded

Yield Strength	110 MPa
Tensile strength	270 MPa
Elongation	20%

WELDING CURRENT

AC

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

STORAGE

Store all TIG filler rods 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	Length	Part Number / Order code
1.2mm	2.5kg	1000mm	VR89112102
1.6mm	2.5kg	1000mm	VR89116102
2.4mm	2.5kg	1000mm	VR89124102
3.2mm	2.5kg	1000mm	VR89132102

All rods are embossed for ease of identification.

