

# XT-5183

## Aluminium Mig Wire

For MIG/MAG welding of aluminium alloys.



### XT SERIES XTREME WELDING

The **Betaweld XT-5183** wire is a professional aluminium welding wire manufactured in Italy using European raw materials. As a premium grade wire it contains up to 1% manganese and is ideally suited for use where high strength and excellent resistance to sea water corrosion is required.

This high quality aluminium welding wire is triple shaved for superior feedability and arc control. The wire also benefits from a special cleaning process after final drawing and is suited to heavy duty and robotic welding processes. The XT wire is guaranteed to produce high quality welding in multiple applications.

The applications of this mig wire include welding of aluminium where a high strength is required in marine and structural industries, ship building, boat repairs and maintenance and automotive barwork and fitouts.



#### Classifications

AS/NZS ISO 18273: S Al 5183
AWS A5.10: ER5183

#### Approvals

TUV, DB, CE, ABS, LR, DNV-GL, RINA, BV
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#### Typical Mechanical Characteristics

Rm N/mm <sup>2</sup>	Rp N/mm <sup>2</sup>	L=5d%			
275	125	17			

#### Typical Weld Chemical Composition %

Si	Fe	Cu	Mn	Mg	Zn	Ti	Cr	Be	Al
0.25	0.4	0.051	0.60-1.00	4.30-5.25	0.25	0.07-0.15	0.05-0.25	0.00038	Rem

#### Packaging Data

Part No	Wire Diameter (mm)	Pack Description	Weight	Pallet Size
2229	1.2mm	Spool/Carton	7kg	84 Spools

#### Welding Positions



EN	PA	PB	PC	PF	PG	PE	PF	PG
AWS	1G	2F	2G	3G	3F	4G	5G	5G

#### Operating Data

Wire Size	Amperage
1.2mm	150 - 250

#### Shielding Gas

I1 (Argon)	I3 (Argon Helium)