

XT-80S

Low Alloy CuZn Coated Mig Wire

For MIG/MAG welding of high strength steels.

XT SERIES[®] XTREME WELDING

The **Betaweld XT-80S** is a premium coated low alloy mig wire designed for specialised welding of high strength steels. Manufactured in Italy this high performance wire has both smooth running and superior feedability characteristics.

XT-80S is an all positional low alloy wire designed for welding medium to high strength steels particularly where service temperatures up to 500°C are applicable. Can be used on low carbon and low alloy steels where tensile strengths provided by plain carbon steel wires are inadequate.

The high performance CuZn coating provides exceptional power density and high speed drag, up to 30% more than standard copper coated wire, making it ideal for both hand torch and robotic welding processes. The CuZn coating also releases a much higher quality weld bead than standard copper coated wire combined with very low levels of spatter.

Typical applications include structural welding of sheet and plate steel and tubular sections, including trailers, pressure vessels, hoppers and storage tanks.



Classifications: specifications

AS/NZS ISO 14341-B: G 55A 3U M G4M31
AWS A5.28 ER80S-D2

Approvals

CE

Typical Mechanical Characteristics

GAS	Rm	Rs	A5d (%)	KV	°C
ISO14175	N/mm ²	N/mm ²			
M21	650-720	≥500	≥18	≥47J	-40

Typical Weld Chemical Composition %

C	Mn	Si	Ni	Cr	Cu	Mo	Al	Ti+Zr	V
0.09	1.78	0.65	0.10	0.10	0.10	0.51	0.01	0.08	0.02

Packaging Data

Part No	Wire Diameter (mm)	Pack Description	Weight	Pallet Size
2210	0.9mm	Spool/Carton	15kg	72 Spools
2211	1.2mm	Spool/Carton	15kg	72 Spools

Welding Positions



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

Shielding Gases

M21

Operating Data

Wire Size	Amperage	Current
0.9mm	80-250	DC+
1.2mm	120-280	DC+