

Stainless Steel Flux Cored Wire

GMX308L-O

AWS A5.22 E308LT0-3
A5.22M E308LT0-3
JIS Z 3323 TS308L-FN0

Product Features:

- Self shield type flux cored arc welding wire.
- Smooth arc, low spatter loss and easy slag removal.
- Good bead appearance, shallow penetration, especially suitable for cladding or buildup.
- High deposition efficiency.

Applications:

- Suitable for welding of stainless steels such as SUS301, 302, 304, 304L and 305.

Typical chemical composition of all-weld metal (wt%)

C	Si	Mn	Ni	Cr	Fe
0.03	0.48	1.50	9.8	19.8	Bal.

Typical mechanical properties of all weld metal

Tensile Strength N/mm ²	Elongation %
563	43

Size (mm) & recommended welding parameters

Diameter	1.2mm	1.6mm	2.4mm
Polarity	DC+	DC+	DC+
Ampere (A)	170~280	200~300	250~450
wire extension (mm)	15~30	20~30	25~35
Shielding Gas	Self Shield	Self Shield	Self Shield

Note:

- Use general CO2 welding machine with proper feed roller pressure.

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