

# GFC 308L

## IDENTIFICATION

GFC 308L, E308LT - 1/4

## CLASSIFICATION

AWS/SFA 5.22:E308LT - 1/4

## DESCRIPTION

GFC 308L is stainless steel fluxcored wire for all position welding to be used with CO<sub>2</sub> or Argon + Co<sub>2</sub> mixed shielding gases. This wire benefits from a fast freezing slag system.

## WELD METAL ANALYSIS (RANGE) %

C	Mn	Si	S	P	Cr	Ni	Mo	Cu
0.04 max	0.5 - 2.5	1.0 max	0.030 max	0.030 max	18.0 - 21.0	9.0 - 11.0	0.75 max	0.75 max

## MECHANICAL PROPERTIES (RANGE)

UTS (MPa)	EL (%) (L=4D)	CVN Impact Value	
		Temp	Joules
550 min	30 min	-30°C	60

## TYPICAL APPLICATIONS

- Its designed for welding of 18% Cr. 8% Ni Stainless Steel.
- For welding AlSi stainless steels such as 304, 304L, 321-UNS alloys such as S30400 S30403 etc.
- For fabrication of chemical tanks, storage tanks, pipe lines, reaction vessels, etc.

## SHIELDING GAS :

- 100% Co<sub>2</sub>
- 80% Ar + 20% Co<sub>2</sub>

## PACKING PARAMETERS

Size (mm)	Amps DC (+)	Voltage (V)	Weight / Spool (kg)
1.2	120 - 240	23 - 30	12.5 / 15.0
1.6	160 - 290	25 - 32	12.5 / 15.0