

# Shield-Bright 308L X-tra

AWS A5.22 E308LT0-1(4) / EN ISO 17633-A T 19 9 L R M C / JIS Z3323 TS308L-FB0

Flux  
CORED  
WIRES

## Description and Application

- Shield-Bright 308L X-tra was designed for welding type 304L stainless steel but can be used for types 301, 302, and 304 steels. It may also be used successfully for welding of types 321 and 347 stainless steel. Service conditions should not exceed an approximate of 750 °F (399 °C).  
Shield-Bright 308L X-tra was designed for welding in the flat position and for horizontal fillet welds with flat to concave beads with excellent slag removal.

## Shielding Gas : 100%CO<sub>2</sub> or 75%Ar/25%CO<sub>2</sub>

### Typical Mechanical Properties of All Weld Metal

Shielding gas	Yield Point N/mm <sup>2</sup> {kgf/mm <sup>2</sup> }	Tensile Strength N/mm <sup>2</sup> {kgf/mm <sup>2</sup> }	Elongation (%)
100%CO <sub>2</sub>	409 {41}	549 {56}	55
75%Ar/25%CO <sub>2</sub>	410 {42}	580 {59}	40

### Typical Undiluted Weld Metal Analysis %

Shielding gas	C	Mn	Si	P	S	Cr	Ni	Ferrite No.
100%CO <sub>2</sub>	0.030	1.30	0.48	0.020	0.004	19.4	9.8	8-15
75%Ar/25%CO <sub>2</sub>	0.022	1.40	0.90	0.020	0.004	19.6	9.9	8-15

### Approvals

ABS, DNV, KR, LR, BV, TUR, CCS