

Shield-Bright 308L

Shield-Bright 308L was developed for welding type 304L stainless steel and can also be used for welding types 301, 302 and 304. It may also be used for welding types 321 and 347 if the service conditions do not exceed an approximate of 750 (399).

Classifications Weld Metal	SFA/AWS A5.22 : E308LT1-4 SFA/AWS A5.22 : E308LT1-1 JIS Z 3323 : TS308L-FB1 KS D 3612 : YF 308LC EN ISO 17633-A : T 19 9 L P C1 2 EN ISO 17633-A : T 19 9 L P M21 2
Approvals	NAKS/HAKC 1.2 mm LR 304L (M21) ABS E308LT1-1 (C1) ABS E308LT1-4 (M21) BV 308L (C1) CCS 308L (C1) CE EN 13479 ClassNK KW308LG(C) (C1) CWB E308LT1-1 (C1) CWB E308LT1-4 (M21) DNV-GL VL 308L (C1) DNV-GL VL 308L (M21) KR RW308LG (C) (C1) LR 304L (C1) VdTUV 04832 (M20 M21)

Approvals are based on factory location. Please contact ESAB for more information.

Welding Current	DC+
Alloy Type	Austenitic Cr-Ni

Typical Tensile Properties

Condition	Yield Strength	Tensile Strength	Elongation
M21 shielding gas			
C1 shielding gas			

Typical Charpy V-Notch Properties

Condition	Testing Temperature	Impact Value
C1 shielding gas		
As Welded	-29 °C	60 J
As Welded	-196 °C	30 J

Current Range

Diameter	Current	Voltage
1.2 mm	130-220 A	24-29 V