

Shield-Bright 317L X-tra

AWS A5.22 E317LT0-1(4) / JIS Z3323 TS317L-FB0

Description and Application

- Shield-Bright 317L X-tra was developed for welding type 317 and 317L stainless where additional corrosion resistance that type 316L cannot provide. Carbon content 0.04% maximum.

Shield-Bright 317L X-tra was designed for welding in the flat position and for horizontal fillet welds with flat to concave beads with excellent slag removal.

Flux
CORED
WIRES

Shielding Gas : 100%CO₂ or 75%Ar/25%CO₂

Typical Mechanical Properties of All Weld Metal

Shielding gas	Yield Point N/mm ² {kgf/mm ² }	Tensile Strength N/mm ² {kgf/mm ² }	Elongation (%)
100%CO ₂	472 {48}	624 {63}	33
75%Ar/25%CO ₂	480 {49}	580 {59}	35

Typical Undiluted Weld Metal Analysis %

Shielding gas	C	Mn	Si	P	S	Cr	Ni	Mo	Ferrite No.
100%CO ₂	0.028	1.50	0.54	0.018	0.006	19.3	13.5	3.15	8~15
75%Ar/25%CO ₂	0.030	1.50	0.65	0.018	0.006	19.0	12.5	3.50	8~15

Approvals

JIS