



MAXIDURA - 125 (E-309L-16)

High Tensile with Heat Resistant stainless steel electrode For AISI 301, 302, 304,308L and 309 grades and equivalent steels

ALLOY BASIS

Fe, Cr, Ni

PROPERTIES

Low Carbon High Crack Resistance Electrode For Welding Austenitic Stainless Steels it is suitable for welding of boiler and gas turbines and for welding of unstabilised stainless steel of AISI 301, 302, 304,308 and 309 grades and equivalent steels. ,

TECHNICAL DATA

UTS : 54-56 kgf/mm²

Elongation : 32-35%

TYPICAL APPLICATIONS

- Mainly used for welding of low carbon austenitic stainless steel of similar composition like AISI 304-L, 308-L,309L and equivalent grades used for hospital apparatus, equipment for dairy, soap, food and chemical Industries, apparatus for nitric acid and acetic acid etc.
- Used for welding extra low carbon type 12Cr-8 Ni stainless steel, Joining carbon and low alloy steels to stainless steels and welding of clad surface of stainless clad steel.
- Suitable for welding 13 percent martensitic chromium steels and casting

WELDING CURRENT

| CURRENT | AC/DC(+) | |
|------------------|----------|---------|
| Size (mm)/Length | 3.15x350 | 4.0x350 |
| Current(amps) | 90-120 | 120-160 |

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