

M-308H

AWS ER308H

FOR STAINLESS STEEL

Typical applications

Welding of high carbon 18%Cr-8%Ni stainless steels (AISI 304H)

It provides better weldability together with excellent corrosion resistance.

Typical chemical composition of wire (%)

| C | Si | Mn | Ni | Cr |
|------|------|------|------|-------|
| 0.05 | 0.42 | 2.06 | 9.70 | 19.90 |

Typical mechanical properties of all-weld-metal

| Shielding Gas | T · S N/mm ² {kgf/mm ² } | El (%) | IV (J) |
|---------------------|---|-----------|-----------|
| Ar+2%O ₂ | 590{60} | 44 | — |

Package

| | | | | | | |
|---------------|-------------|-----|-----|---------------|-----|-----|
| Dia. (mm) | 0.8 | 0.9 | 1.0 | 1.2 | 1.4 | 1.6 |
| Spool. (kg) | 5, 12.5, 20 | | | | | |
| Pailpack.(kg) | 200, 250 | | | 200, 250, 300 | | |

Approved by