

FOR STAINLESS STEEL

AWS ER310
JIS Y310

M-310

Typical applications

Welding of heat-resistant austenitic steels of the 25%Cr-20%Ni types(STS310S)

It has good general oxidation resistance, especially at high temperature.

Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr
0.10	0.10	1.73	20.90	26.60

Typical mechanical properties of all-weld-metal

Shielding Gas	T · S N/mm ² {kgf/mm ² }	El (%)	IV (J)
Ar+2%O ₂	600 {61}	40	0°C: 110

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