

FOR STAINLESS STEEL

AWS ER312
JIS Y312

M-312

Typical applications

Welding of stainless steel of the 29%Cr-9%Ni types.

This wire is widely used for joining of dissimilar metals such as carbon steel to stainless steel.

Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr
0.10	0.43	1.72	8.70	30.40

Typical mechanical properties of all-weld-metal

Shielding Gas	T · S N/mm ² {kgf/mm ² }	El (%)	IV (J)
Ar+2%O ₂	730 {75}	30	—

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