

FOR STAINLESS STEEL

AWS ER316LSi
JIS Y316LSi

M-316LSi

Typical applications

Welding of austenitic stainless alloys of the 18%Cr-12%Ni-Mo low carbon types.
The high silicon content improves the welding properties, such as wetting.

Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr	Mo
0.02	0.76	1.85	12.20	18.70	2.30

Typical mechanical properties of all-weld-metal

Shielding Gas	T · S N/mm ² {kgf/mm ² }	El (%)	IV (J)
Ar+2%O ₂	570 {58}	30	0 °C: 110 -196 °C: 40

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 ABS, TÜV