

M-316L

AWS ER316L
JIS Y316L

FOR STAINLESS STEEL

Typical applications

Welding of austenitic stainless alloys of the 18%Cr-12%Ni-Mo low carbon types. The alloy has particularly good corrosion-resistance and heat-resistance.

Typical chemical composition of wire (%)

C	Si	Mn	Ni	Cr	Mo
0.02	0.39	1.89	11.80	18.60	2.20

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}	40	0°C:90, 196°C:62

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 BV, DNV, KR