

FOR INCONEL 617
ALLOY

AWS ERNiCrCoMo-1

KW-M617

Typical applications

Welding of Inconel 617 alloy.

Dissimilar combinations of High temperature alloys.

Typical chemical composition of wire (%)

C	Si	Mn	Cr	Ni	Mo	Co	Fe
0.07	0.30	0.30	22.10	Rem	8.70	11.10	11.10

Typical mechanical properties of all-weld-metal

Shielding gas	T · S N/mm ² {kgf/mm ² }	El (%)	Remark
Ar	780 {80}	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