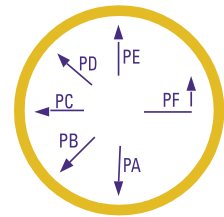


Applications

ER4043 aluminum filler materials are silicon-aluminum types for welding of 6052 and 6063 types; in some cases, other aluminums are also welded with this type. Brazing of 1100 and 3003 can be accomplished with free flowing 4043 composition.



Typical Chemical Composition of All-Weld Metal (%)

Si	Fe	Cu	Mn	Mg	Zn	Be	Ti	Others	Others Total
4.50-5.50	<0.80	<0.30	<0.05	<0.05	<0.10	<0.0003	<0.20	<0.05	<0.15

Typical Mechanical Properties of All-Weld Metal

0.2% Yield strength Rp0.2(MPa)	TS Rm(MPa)	EL A5(L0=5d0)%	Temp °C
42	125	8	20

Shielding Gas

Argon, Helium or Argone/ Helium-mixture

Dimensions and Packing Details

Mig wire - 0.8, 1.0, 1.20, 1.60 and packing 0.5kg/S100, 7kg/S300

Tig rod - 1.60, 2.0, 2.40, 3.20, 4.0 and packing 5kg/10kg X1000mm