



4043

Certifications:

AWS A5.10
ASME SFA A5.10

Features

- Low melting temperature, high fluidity.
- Excellent corrosion resistance.
- Reduced distortion.

Applications

- Used for welding of 6052 and 6063 types

Diameters & Packages

Diameter	1 lb	5 lb	10 lb	16 lb
0.030"	✓	✓	✓	✓
0.035"	✓	✓		✓
0.047"	✓	✓		✓
0.062"				✓

Technical Specifications

Shielding Gas: 100% Argon or Argon/Helium mixtures

Typical Chemical Composition:

Chemical	Si	Fe	Cu	Mn	Be	Mg
	4.5-6.0	0.80 max	0.30 max	0.05 max	0.0003 max	0.05 max

Chemical	Zn	Ti	Al	Others Each	Others Total	
	0.10 max	0.20 max	Remainder	0.05	0.15	

Recommended Weld Parameters:

Diameter	Base Material Thickness	Amps	Volts	IPM
0.035	1/16	90-100	21-23	300-350
0.035	1/8	130-140	22-24	400-450
0.035	1/4	170-180	23-24	500-600
3/64	3/32	110-120	24-25	170-220
3/64	1/8	150-160	25-26	270-330
3/64	1/4	190-220	25-26	320-370
3/64	3/8	220-230	25-27	390-450
1/16	1/4	200-210	24-26	170-200
1/16	3/8	230-240	25-27	200-230
1/16	1/2	260-270	26-28	240-270
1/16	3/4	280-290	27-29	260-300
1/16	1	300-310	28-30	280-320