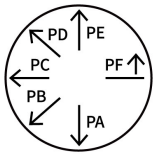


S-4303.T

Classification

JIS Z 3211 E4303
EN ISO 2560-A E38 0 RA 1 2
KS D7004 E4303

Welding Positions



Features

- Suitable for butt and fillet welding of thin plates
- Good restriking properties and high welding efficiency
- Suitable for tack welding
- Good mechanical properties

Polarity

AC or DC ±

Application Areas

- General fabrication
- Automotive
- Machinery
- Bridges & construction

Redrying Conditions

70~100°C (158~212°F) X 0.5~1hr

Typical Chemical Composition of All-Weld Metal (wt%)

C	Si	Mn	P	S
0.06	0.19	0.48	0.020	0.007

Typical Mechanical Properties of All-Weld Metal

Yield Strength MPa(ksi)	Tensile Strength MPa(ksi)	Elongation (%)	Temperature °C (°F)	Impact Toughness J (ft·lbs)
380(55)	452(66)	29	0(32)	80(59)

Diameter / Welding Parameters / Packaging

Diameter mm(in)	Length mm(in)	F & HF	V-up, OH	Packaging
2.6 (3/32)	350(14)	65-100	50-90	Standard/Vacuum - Packet 5kg (11lbs), Carton 20kg (44lbs)
3.2 (1/8)	350(14)	100-140	80-130	
4.0 (5/32)	400(16)	140-190	110-170	
5.0 (3/16)	400(16)	200-250	140-210	
6.0(15/64)	450(18)	250-330	-	

SMAW

GTAW

FCAW

Metal-cored Wire

SAW Wire

SAW Flux