

Inco-weld® 5183 - Provides excellent colour matching after anodizing, high weld ductility, strength and corrosion resistance.

*Typical Chemical Analysis (%)

Element	%	AWS Requirement
Silicon (Si)	0.07	0.40 max
Iron (Fe)	0.10	0.40 max
Copper (Cu)	0.00	0.10 max
Manganese (Mn)	0.60	0.50-1.0
Magnesium (Mg)	4.8	4.3-5.2
Chromium (Cr)	0.07	0.05-0.25
Nickel (Ni)	-	-
Zinc (Zn)	0.00	0.25 max
Titanium (Ti)	0.01	0.15 max

*Typical GMAW welding Parameters

Wire Diameter	Amperage	Voltage	Shielding
.035"	70-180	15-26	100% Ar
.045"	140-260	20-29	100% Ar
.062"	190-350	25-30	100% Ar

Approvals

AWS A5.10 ER & R

Ordering Information

GMAW	
Diameter	Part Number
.035	IA5183035M
.045	IA5183045M
1/16	IA5183062M

2 lb. & 16 lb. Spools

GTAW	
Diameter	Part Number
1/16	IA5183062T
3/32	IA5183093T
1/8	IA5183125T

5 Lb. Tubes

*All information listed is provided as typical values and may differ from actual results due to variations in weld procedures. C.P.G. disclaims any liability resulting from reliance on any of the above values.