

Specifications:

AWS A5.10
ER 5654
R5654

Properties:

Melting Range: 1100 - 1190°F
Density: .096 lbs/cu.in
Anodize color: White

Description:

Aluminum 5654 meets AWS A5.10 specifications. This alloy is composed mainly of Magnesium, Chromium and Titanium. Alloy 5554 is a filler welding wire that is great to use to weld tanks for storage of Hydrogen Peroxide. Due to this alloy containing greater than 3% Magnesium, it is not recommended for applications of higher temperature because it is susceptible to stress corrosion.

Chemical Composition (Wt%)

Si + Fe	Mn	Cu	Mg	Zn	Al	Cr	Ti	Be	Other each	Other total
0.45	0.01	0.05	3.1-3.9	0.20	REM	0.15-0.35	0.05-0.15	0.0003	0.05	0.15

Note: Single values are maximum unless otherwise noted.

Maintaining a proper welding procedure, including pre-heat and interpass temperatures, may be critical depending on the type and thickness of material being welded.

CAUTION: Consumers should be thoroughly familiar with the safety precautions on the warning label posted in each shipment and in the American National Standards A49.1, "Safety in Welding and Cutting," published by the American Welding Society, 8669 NW 36 Street, #130, Miami, FL 33126: OSHA Safety and Health Standards 29 CFR 1910 is available from the U.S. Department of Labor, Washington, D.C. 20210.