

General Electric Improves Heat Dissipation, ups Power in New 6L6-GC Tube



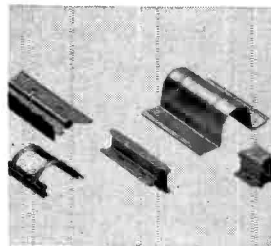
WITH

General Plate COPPER-CORED ALIRON

Redesigned with improved heat dissipating anode material, General Electric Company's 6L6-GC audio power output tubes now offer important new advantages — maximum anode dissipation — or, rating increased 40 percent — cost one-third lower than comparable tubes — low distortion. And to obtain this improved value for their customers, General Electric Company used General Plate 5-layer copper-cored Aliron strip made available by Metals & Controls Division at the request of the Receiving Tube Department of the General Electric Company.

The copper, when combined with high emissivity aluminum-steel surfaces, results in a clad metal stock with improved heat conductivity . . . allows greater heat dissipation without danger of hot spots developing in tube anodes. The five layers are inseparably bonded together without intermediate brazing materials. Individual layer thicknesses are accurately controlled so that physical properties remain uniform.

Metals & Controls is constantly developing new clad metals which save weight, increase strength, conserve materials, improve performance and offer other advantages not found in single metals or alloys. Write for catalog GP-1 and get acquainted with General Plate Clad Metals.



OTHER GENERAL PLATE CLAD METALS USED IN TUBES

Copper-base Aliron — Aluminum on low-carbon steel on copper

Aliron® — Aluminum clad to both sides of low-carbon steel

Nifer® — Nickel clad to both sides of low-carbon steel

Alnifer® — Aluminum on low-carbon steel on nickel

METALS & CONTROLS

1311 FOREST STREET, ATTLEBORO, MASS., U. S. A.

A DIVISION OF TEXAS INSTRUMENTS INCORPORATED

GENERAL PLATE PRODUCTS: Clad Metals • Electrical Contacts • Truflex® Thermostat Metal • Platinum Metals • Reactor Metals • Radio Tube & Transistor Metals