

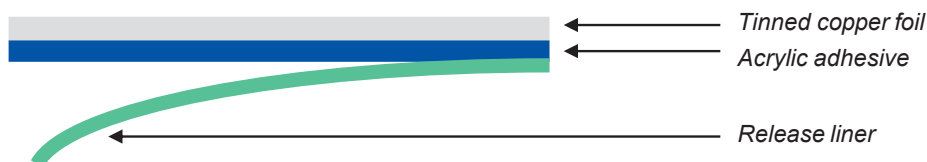


*"If you can imagine it, Nadco will make it stick."*

## 1690 (Tin Platted Copper)

**1690 is a 1.5 mil (38 micron) special electrolytic grade, zero temper, high tensile copper foil clad on both surfaces with tin and coated with an aggressive acrylic adhesive system. This copper foil readily accepts solder and is corrosion resistant. 1690 is used in industrial and electrical applications and low level EMI/RFI shielding.**

### Product Construction



### Features & Benefits

- Corrosion resistant tin clad foil
- Malleable foil conforms well to irregular contours
- Superb "wetting out" capabilities to all surfaces
- Permanently bonds to low surface energy materials and difficult textured surfaces
- In stock product available for immediate delivery

Test	Typical Value	Typical Value (Metric)	Test Method
Product Thickness <sup>Δ</sup>	3.3 mils	0.08 mm	PSTC-133
Peel Adhesion <sup>Δ</sup>	40 oz/in	11.1 N/25 mm	PSTC-101
Shear Adhesion	>24 hrs @ 2.2 psi	>24 hrs @ 15.2 kPa	PSTC-107
Tensile Strength	30 lb/in	135.6 N/25 mm	PSTC-131
Elongation	6 %	6 %	PSTC-131
Service Temperature	-40 to 300 °F	-40 to 149 °C	

<sup>Δ</sup> - excluding liner

<sup>Δ</sup> - 20 minute dwell

Typical values are not intended to be used for specification development. Technical data is believed to be true and accurate; we recommend that the purchaser test for fitness of use in all applications.

### Product Configurations

- Standard roll sizes and custom rolls available on request