

# COPPER TAPE



## TP-CU4

### Product Application and Description:

TP-CU4 is a 4.0 mil dead soft copper foil tape which incorporates a high performance acrylic adhesive designed for permanent adhesion in a wide range of applications. TP-CU4 provides an aggressive adhesion performance, high shear and an outstanding high temperature resistance at service temperatures in excess of 400°F. The 76# poly coated liner offers excellent lay flat and smooth release. This material is certified "Non-Magnetic".

### Shelf Life and Storage:

It is recommended to consume all materials within 1 year from date of purchase. Best if stored in a controlled environment (72°F and 50%RH) and out of direct sunlight.

0.004" 110 Annealed Bright Copper Foil (99.90% Cu Min.*)	
This Metal Can Be Certified To ASTM-B-152	
<i>*Cu value includes Ag</i>	
Technical Data	
Test Method/Performance Parameter	Result/Performance Properties
Tape Thickness Without Liner	7.0 mils. Nominal
180° Peel @ 30 Min. (PSTC -101)	3.75 lbs./in.
180° Peel @ 20 Min. (ABS Substrate)	2.3 lbs./in.
Shear (1" X 1" X 500g)	+150.0 hours
Service Temperature	-20°F to 400°F (-29°C to 205°C)
Application Temperature	45°F to 120°F (5°C to 49°C)
Tested at 3.0 mil of adhesive on 2.0 mil polyester film to Stainless Steel.	

The information contained herein is derived from data believed to be reliable and is presented to assist our customers in determining whether our products are suitable for use in their application. We request that our customers test our products before use to satisfy themselves as to suitability for use. No warranty or guarantee is expressed or implied. Protection from any law or patents is not inferred. All patent rights are reserved. The exclusive remedy for all proven claims is limited to replacement of our materials and in no event shall we be liable for special, incidental, or consequential damages. Customers desiring assistance with specification, development or performance criteria for specific product applications should contact us for further information.

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