

# ITW SHAKEPROOF INDUSTRIAL PRODUCTS

FINISH  
CODE

REVISION  
LEVEL

**BRIEF DESCRIPTION:**

GG-1 COPPER ELECTRO

**GG**

**1**

REV DATE: 4/1/2007

**GENERAL DESCRIPTION**

COPPER ELECTROPLATE WITH A THICKNESS OF .0004 - .0007 TO PROTECT THE STEEL PARTS FROM ABSORBING CARBON FROM THE ATOMOSPHERE DURING HEAT TREAT

**APPEARANCE**

COPPER WITH A SMOOTH UNIFORM APPEARANCE.

**ADHESION AND DUCTILITY**

TO BE TESTED IN ACCORDANCE TO ASTM B571 (SCOTCH TAPE TEST)

**CORROSION REQUIREMENTS**

RED RUST:

WHITE CORRIOSION:

NOT REQUIRED

**COATING THICKNESS REQUIREMENTS**

MIN THICKNESS: .0004                      MAX THICKNESS: .0007  
THICKNESS SHALL BE TESTED PER ASTM E376

**STRESS RELIEF**

NOT REQUIRED. PARTS ARE HEAT TREATED AFTER THE COPPER PLATING

**QUALITY CONTROL**

THICKNESS TEST: ELECTRONIC THICKNESS TESTER.

**PROCESS TO**

PRINT DATE:

6/2/2016