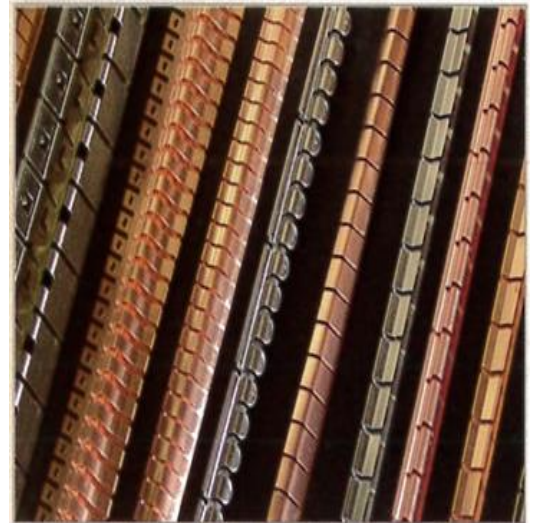


# METAL FINGER STOCK (MFS)

## Description

Metal Finger Stock is applicable to the existence of EMI / RFI or ESD of a wide range of electronics devices. Most of this products are made from beryllium copper, bronze, stainless steel materials. Metal Finger Stock do not burn. From the rays, ultraviolet light or ozone impact, it can resolve other cushioning materials which are not able to horizontally slide the contact matter. Metal Finger Stock in a variety of environments or applications is able to work well with various coating options and many other contact options.



## Features and benefits

- Excellent Elastic Recovery
- Suitable for Larger Gap Fill
- Low Compression Force
- Able to Bear Bi-directional Compression
- Easy to Install and Ease to Plating and Welding
- Persistent Fatigue Resistance
- Excellent Conductivity & Ultra-Low Permeability
- A Wide Range of Temperature Change Adaptation
- Incombustible Material & Corrosion Resistant

## Application

- Suitable for Shielded Room, Door, Cabinet Door, Cover, Printed Circuit Board (PCB) & Integrated Circuit (IC) Shielding
- Can be used in many Applications which shielding material needs sliding friction and can be installed on top or side of the shield
- Applications various from Small Handheld Devices to Large Shielding Room

## Metal Finger Stock

*Notes: The below technical data and information should be thought as typical or representative only, and should not be used for specification purposes.*

## TYPICAL " Beryllium Copper " Performance & Specifications

Beryllium copper (BeCu) is a high-performance metal. It can be cast and used in a wide range of part field. Its mechanical and electrical properties make it to be an ideal shielding material resistant to electromagnetic and radio frequency interference.

The electrical characteristics of beryllium copper provides a shielding effect in a wide range of frequency. its superior mechanical properties with maximum flexibility and fatigue resistance make it have a long life cycle. In addition, BeCu has excellent conductivity and different plating. Therefore, it is consider a good material in shielding area.

Physical Characteristics			
Electrical conductivity (% IACS)	22 - 25		
Elastic Modulus (psi)	18.5 x 10 <sup>6</sup>		
Mechanical properties (After Heat Treatment)			
Temper Grade	1/4 HT	1/2 HT	HT
Tensile Strength (Kgf/m <sup>2</sup> )	123 (Min)	130 (Min)	133 (Min)
Yield Strength (Kgf/m <sup>2</sup> )	105 (Min)	112 (Min)	116 (Min)
Hardness Range (HV)	350 - 430	360 - 440	380 - 450

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