



Copper Fingerstock

Beryllium copper finger stock EMI gaskets have large spring element and superb electrical conductivity. Common areas of use for these gaskets will range from the following:

- Shielded Rooms
- Doors in high footfall fall areas
- Electronic cabinets
- PCB's

We have a vast range in stock for quick delivery and have the capability to supply from a single piece to the full production quantity whenever you need it.



Available in the following forms:

- Rolls
- Standard Strips
- Cut to Length
- Applied to Aluminium Honeycomb Vents
- Clip On
- Stick on

Specification

Chemical Composition

Beryllium	1.80-2.00%
Cobalt plus nickel	0.20% Min
Cobalt plus nickel plus iron	0.6% Max
Copper	Balance

Physical Properties

Electrical conductivity (% IACS)	22-15
Modulus of elasticity (GPa)	127.5

Mechanical Properties

Temper	½HT
Tensile strength (MPa)	1275 Min
Yield strength .2% offset (MPa)	160 Min

Manufacturing Properties

Pitch	±0.127
Length	±1.52
Spring height	±0.51
Cut length	±0.51

Finish

Finger strips are stocked with a clean and bright finish. O2 finish standard.

Other finishes available are:

Solderable unplated	SOL
Clean and Bright (unsolderable)	CB
Gold	G
Silver	SIL
Tin Lead	TL
Bright Tin	BT
Bright Nickel	BN
Zinc/Clear Chromate	Z
Electroless Nickel	EN
Other	

For other requirements and specifications of these finishes, consult us.

