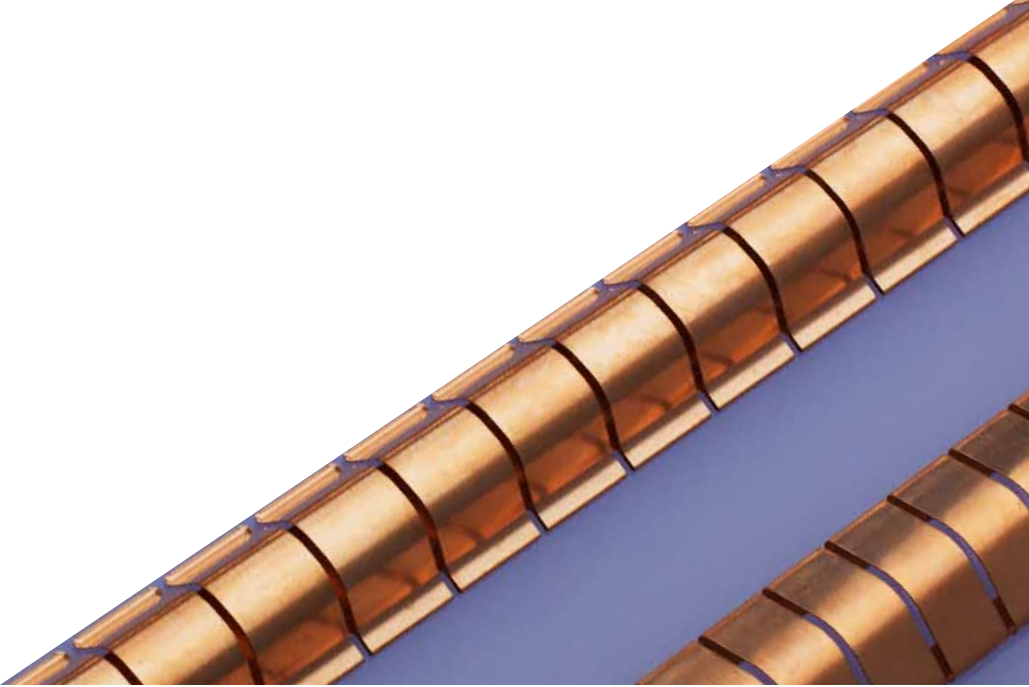




**Beryllium Copper
Finger-Stock
Gaskets**





Today's leading manufacturer of beryllium copper finger-stock gaskets,

Orbel offers a wide variety of finger-stock profiles, modified finger stock, contact strips, contact rings, and metal connector gaskets. All standard strips can be cut to length, pierced, or have fingers removed to your exact needs. Orbel also handles all secondary operations including plating and finishing.

CUSTOM ENGINEERING & PRODUCTION

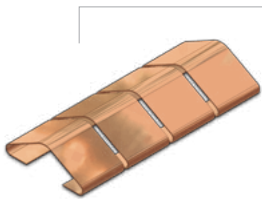
A true engineering and production partner, Orbel specializes in fully customizable BeCu gaskets in whatever electroplate finish your application requires. Whether you have a working design concept or need us to help you develop a custom gasket, Orbel will ensure that your end product is your ideal solution.

Orbel BeCu finger-stock gaskets offer the industry's highest EMI/RFI shielding effectiveness and are ideal for repeated opening and closing applications where high attenuation performance and mechanical strength is required.

HIGH-PERFORMANCE FINGER-STOCK GASKETS

Used to avoid radiating EMI/RFI and prevent outside sources of EMI/RFI, BeCu finger-stock gaskets from Orbel represent the worldwide industry standard:

- Over 100 standard configurations
- Gaskets supplied in standard strip lengths or 25' coils
- In-house electroplating in a variety of finishes:
 - **Bright Finish** (no plating)
 - **Nickel:** Dull, Bright, Electroless
 - **Zinc:** No Chromate, Clear Chromate, Yellow Chromate
 - **Tin:** Bright, Matte
 - **Gold:** Hard
 - **Silver:** Semi-Bright
- Mounting methods include adhesive tape, clip-on, slot-mount, riveted, or soldered
- Mega Soft reduces compression forces and increases cycle life



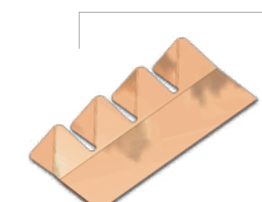
SLOT-MOUNT SERIES
Typically used for bidirectional wiping or grounding applications. These gaskets are supplied in full-length strips or small segments where they can be mounted individually into two parallel slots or on a metal track for slide applications.



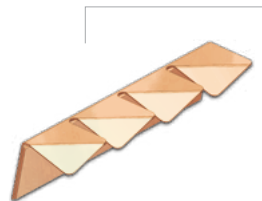
ADHESIVE-MOUNT
The most widely used gaskets for metal cabinets and electronic enclosures. These all-purpose gaskets provide a high dynamic range of deflection while offering very low compression forces.



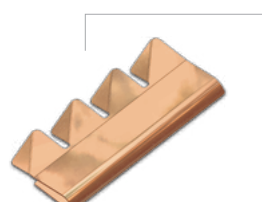
NO-SNAG
Specifically designed to reduce compression friction while eliminating accidental snagging in high-traffic areas. Pyramid geometry provides low compression forces with a no-snag design. Supplied with adhesive for easy mounting.



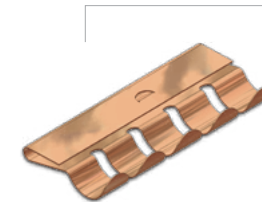
TWIST SERIES: STRIP
Designed for straight compression or static load applications where gaskets can be compressed to material thickness. Exceptional EMI/RFI shielding performance as a result of the biting action of the twist contact finger design.



TWIST SERIES: RIGHT-ANGLE
A high-performance twist design accommodates 90° EMI shielding requirements. These gaskets allow engineers to shield circular or minimal surface area applications since the contact area is perpendicular to the mounting surface.



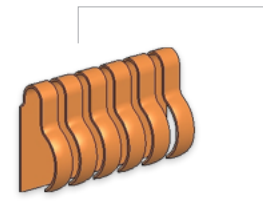
TWIST SERIES: CLIP-ON
Primarily used when space is at a premium or when design considerations prohibit the use of pressure-sensitive adhesives.



CLIP-ON
Designed for high-temperature applications where adhesive mounting is not possible or when a design requires a secure mechanical fastening method. These gaskets are available in a variety of sizes and will clip to any plastic or metal surface.



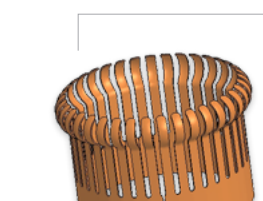
LARGE-ENCLOSURE
Designed to shield enclosure doors, shelters, shielded rooms, and architectural seams. These gaskets are ideal for compression or wiping applications, or when a high deflection range is required. Parts are available in 24.00" strips or 25.0' coils.



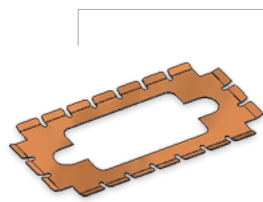
EMI CONTACT STRIPS
Generally used for grounding and shielding for high-frequency EMI applications. These gaskets are available in a variety of sizes and thicknesses, with many strips offered with a spherical radius to increase wear resistance at the contact point.



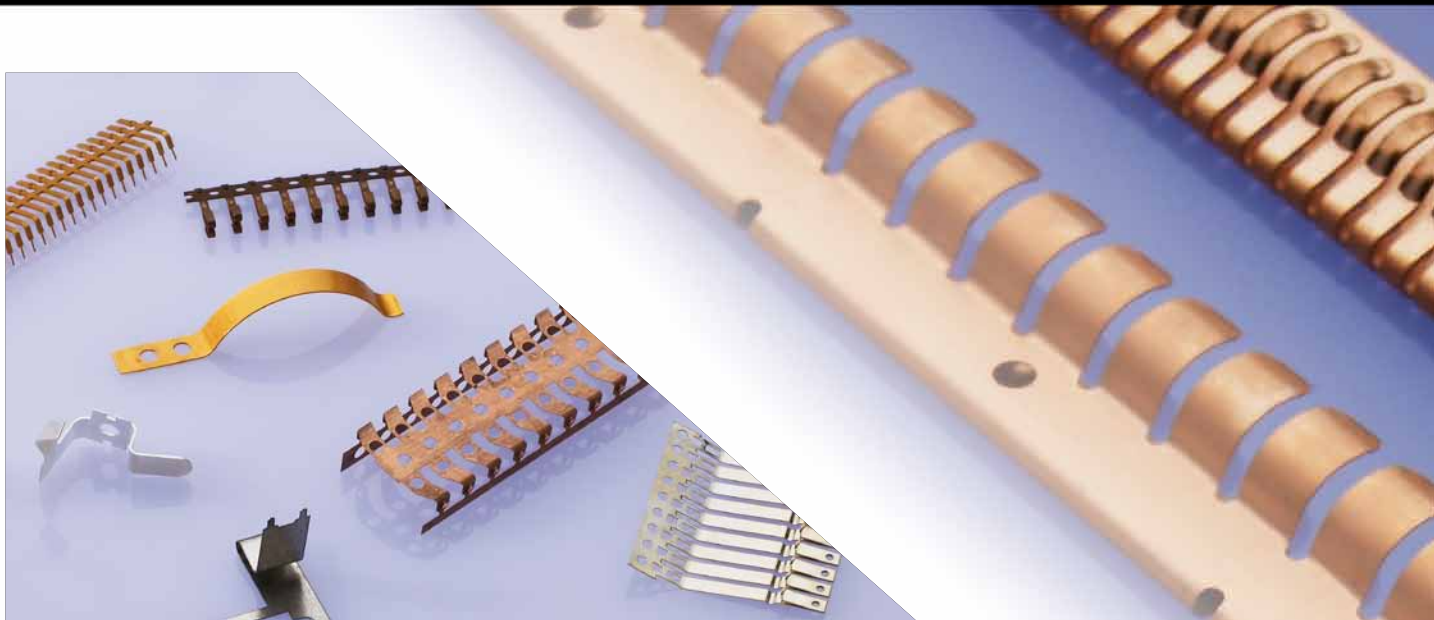
EMI CONTACT RINGS (FEMALE)
Rolled so contact fingers are internal on the ring to accommodate cylindrical electrical contact for grounding or EMI shielding applications. Standard off-the-shelf sizes as well as custom-rolled-diameter rings to meet specific applications.



EMI CONTACT RINGS (MALE)
Rolled so contact fingers are external on the ring to accommodate cylindrical electrical contact for grounding or EMI shielding applications. Standard off-the-shelf sizes as well as custom-rolled-diameter rings to meet specific applications.



D-SUB CONNECTOR SHIELDS
Superior grounding and EMI shielding for virtually any connector application. The unique independent finger design maintains excellent surface contact for irregular surfaces or tolerance stack-up. Standard and custom connector gaskets.



FORMING THE FUTURE OF PRECISION COMPONENTS.

The industry's leading custom stamping expert, Orbel utilizes state-of-the-art tooling and manufacturing techniques to produce precision-engineered stampings from a variety of beryllium copper alloys. With a vast knowledge of spring design and material properties, Orbel is your ideal BeCu custom stamping partner. Other areas of expertise include photo etching, blanking, forming, rolling, welding, heat treating, and plating.

Orbel manages every aspect of metal stamping, from design, prototyping, and short runs to medium- and high-volume quantities. We can fabricate parts utilizing our extensive inventory of universal single-hit tooling or form high-volume stampings with progressive dies. Whether you require five prototypes or five million finished pieces, Orbel has your solution. We also maintain the industry's fastest turnaround times on prototypes and production quantities.



2 Danforth Drive, Easton, PA 18045

ORBEL.COM | 610-829-5000 | FAX: 610-829-5050