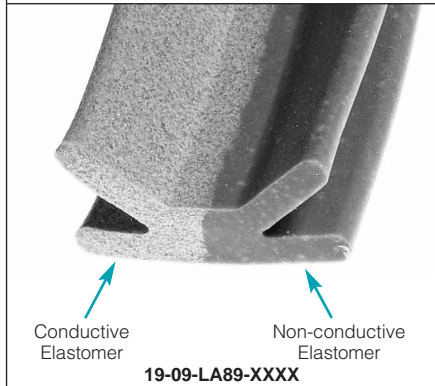
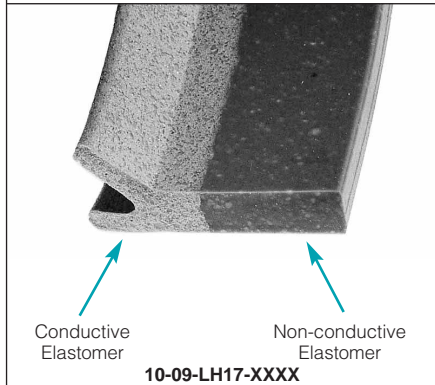
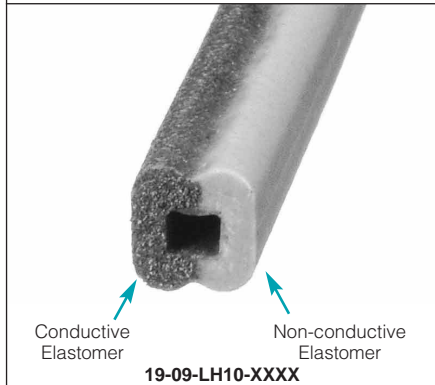
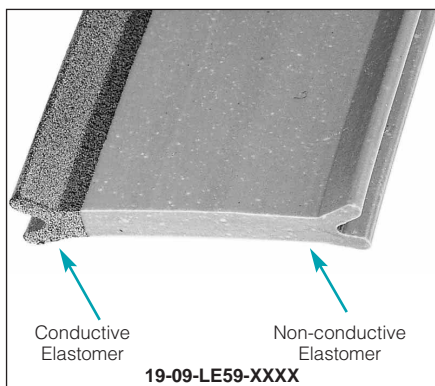


# Co-Extruded Strips



## Co-Extruded Strips Optimum Shielding Performance Plus Corrosion Prevention

Chomerics manufactures a dual performance extruded gasket in one simple design. By a seam vulcanization process, CHO-SEAL or CHO-SIL conductive elastomers are extruded in parallel with non-conductive elastomers to provide EMI shielding and corrosion protection from one gasket. The outer, non-conductive gasket acts as an extra environmental seal to keep moisture away from the conductive gasket/flange interface. This prevents corrosion of the mating flange in marine or airborne environments. Co-extruded gaskets are also cost-effective, as they permit the use of existing flange designs and provide for gasket attachment via a less expensive non-conductive elastomer. A similar two gasket shielding system requires a costly double groove flange design.

### Technically Superior Design

Typical examples of effective co-extruded gaskets include commercial and military communications equipment, rack mounted cabinetry, and aircraft doors and panels. These applications vary in required shielding performance. Each Chomerics co-extruded gasket is engineered in our applications laboratory to match the geometric constraints, closure requirements and shielding performance demanded by the application.

### Availability

Many of the gasket cross section shapes and sizes listed on the previous pages can also be co-extruded. Common co-extruded configurations are pictured at left.

Contact Chomerics to assist you in material selection.

## Fast, Easy Conductive Elastomer Gasket Installation with Chomerics Adhesive Tape Attachment

Chomerics has developed a unique adhesive attachment material for CHO-SEAL or CHO-SIL conductive EMI gaskets. This non-conductive pressure-sensitive adhesive (PSA) tape is available on most extruded profiles with a flat tape attachment area, such as D-, P-, K- and rectangular cross sections.

**Application:** This method of gasket attachment is easy and effective with a clean surface. Simply clean the surface prior to mounting the gasket.\* Remove the release film and position the gasket using light pressure. When the gasket is properly positioned, firmly press onto the flange.

### Advantages

- Peel strength (90°) in excess of 4.5 pounds per inch of width (ppi)
- Available in continuous length or cut to length. (*Note:* Some cross sections cannot be packaged in continuous lengths.)
- Eliminates fasteners or other adhesives
- Can function as a “third hand” to facilitate difficult installations
- Available with fluorosilicones as a permanent attachment method
- Quick stick – readily adheres to clean surfaces
- Conformable adhesion to curved surfaces
- Resists humidity, moisture, natural elements
- Eliminates solvent emissions and long set-up times

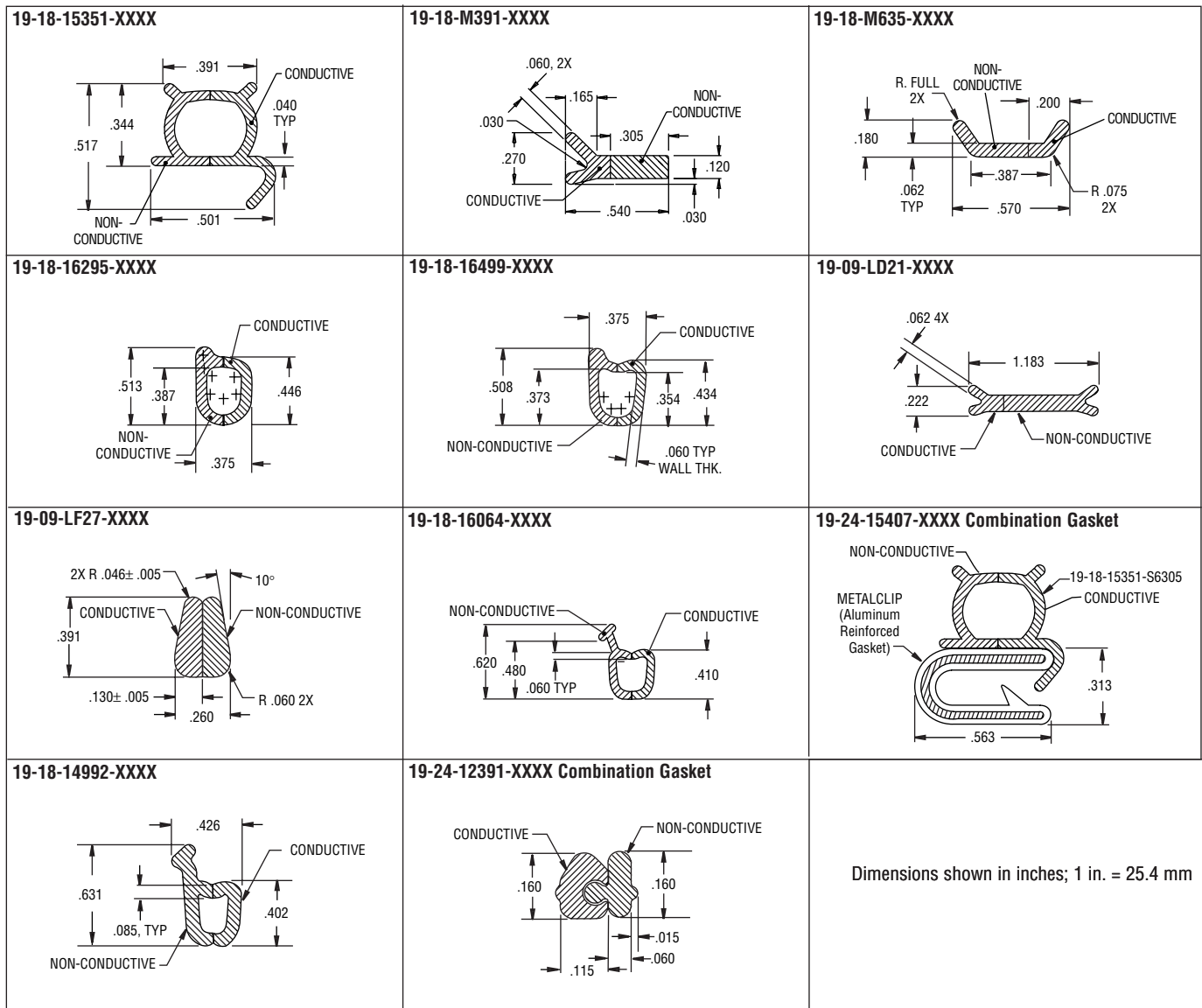
### Disadvantages

- Not available on round cross sections
- Not recommended for applications where solvent resistance is essential
- Not recommended for applications where resistance to excessive abuse due to moving parts or traffic is required

*continued*

<p><b>19-05-10168-XXXX</b></p>	<p><b>19-09-11771-XXXX</b></p>	<p><b>19-18-13715-XXXX</b></p>
<p><b>19-18-F566-XXXX</b></p>	<p><b>19-18-F775-XXXX</b></p>	<p><b>19-09-L628-XXXX</b></p>
<p><b>19-09-LD55-XXXX</b></p>	<p><b>19-09-LE59-XXXX</b></p>	<p><b>19-09-LH10-XXXX</b></p>
<p><b>19-18-LH27-XXXX</b></p>	<p><b>19-18-LJ12-XXXX</b></p>	<p><b>19-18-15489-XXXX</b></p>
<p><b>19-05-F011-XXXX</b></p>	<p><b>19-09-LA89-XXXX</b></p>	<p><b>19-18-15349-XXXX</b></p>
<p><b>19-09-X869-XXXX</b></p>	<p><b>19-09-Z721-XXXX</b></p>	<p><b>10-09-LH17-XXXX</b></p>

Dimensions shown in inches; 1 in. = 25.4 mm



## Custom Co-Extruded Gaskets

Extruded in parallel, dual conductive/non-conductive gaskets provide optimum EMI shielding and corrosion protection in a single, cost-effective design.

To discuss your requirements, contact our Applications Engineering Department.

