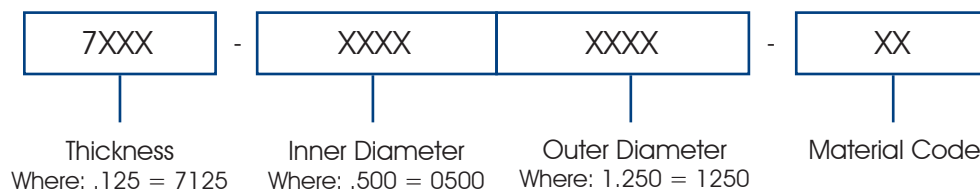




## Mesh Gaskets

Mesh gaskets are constructed of knitted mesh wire. The metal mesh material can be SnCuFe (tin-plated copper-clad steel), Monel (nickel-copper alloy) or aluminum. The most common wire materials are Monel, which combines excellent EMI/RFI protection, high resistance to oxidation, high tensile strength and resiliency, and SnCuFe, which offers best shielding performance at lower frequencies, especially with respect to magnetic fields. Aluminum mesh is occasionally used when the mating surfaces are aluminum. Gaskets can be ordered to specific ID, OD and thickness as needed.



| Material Code | Material Description                                             |
|---------------|------------------------------------------------------------------|
| 71            | 0.0045" diameter tin plated copper clad steel wire per ASTM B520 |
| 72            | 0.0045" diameter monel wire per QQ-N-281                         |
| 73            | 0.0050" diameter 5056 aluminum wire per AMS-4182                 |



### Example:

1) 0.125" thick x 0.250" ID x 1.000 OD  
made from monel wire:  
**7125-02501000-72**

2) 0.063" thick x 0.500" ID x 1.750" OD  
made tin plated steel wire:  
**7063-05001750-71**

## Applications

- Antenna seals
- Connector seals
- Gland rings
- Grounding washers

Does not provide weather or environment sealing

## Benefits

- Excellent EMI shielding and grounding properties
- Extreme temperature environments

## Materials

- SnCuFe (Tin plated, copper-clad, steel wire)
- Monel Wire (Copper-nickel alloy)
- Aluminum Wire

## Standard Thicknesses

- .032"
- .062"
- .093"
- .125"
- .156"
- .187"
- .250"

