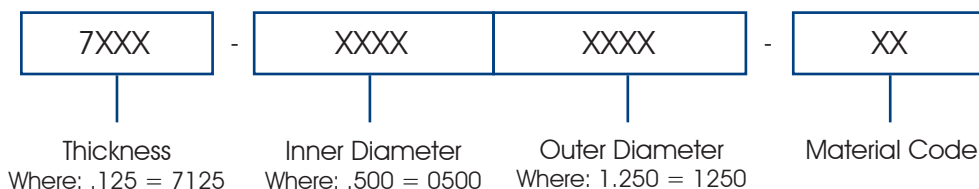




Mesh Gaskets

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"

