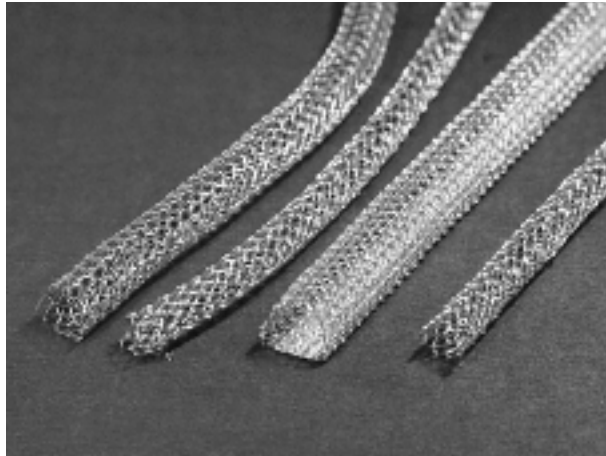


800 Series Hollow Self Supporting Knitted Beryllium Copper Wire Mesh



The 800 Series requires extremely low compression forces, as there is no supporting core and gives 90% recovery of original height from 75% deflection. The gasket is very light and offers high levels of shielding making it suitable for all applications where environmental sealing is not required, but most suited for difficult applications where low closure force and high shielding is needed due to its price premium.

The product consists of twin knitted beryllium copper wire and can be supplied in continuous lengths, jointed "O" rings or fabricated to your design. Various plated finishes are available.

DIMENSIONS ARE IN MILLIMETRES

Shielding Effectiveness

Transfer Impedance test on part 6.35mm diameter at 50% compression

Frequency	Attenuation
10KHz	110dB
100KHz	>105dB
1MHz	110dB
10MHz	>100dB
100MHz	>95dB
1GHz	>70dB

Round



Diameter	Part No
1.57	801-0016-0
2.36	801-0024-0
3.18	801-0032-0
3.96	801-0040-0
4.75	801-0048-0
6.35	801-0064-0
7.92	801-0080-0
9.53	801-0095-0
12.70	801-00127-0

For plated finishes, replace suffix 0 with: T-tin N-nickel, C-cadmium, Z-zinc clear chromate

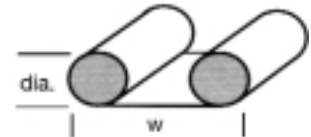
Round with Fin



Diameter	Width	Part No
1.57	9.53	802-0016-0095-0
1.57	12.70	802-0016-0127-0
2.36	12.70	802-0024-0127-0
3.18	9.53	802-0032-0095-0
3.18	15.88	802-0032-0160-0
3.18	19.05	802-0032-0190-0
3.96	12.70	802-0040-0127-0
4.75	15.88	802-0048-0160-0
6.35	12.70	802-0064-0127-0
6.35	19.05	802-0064-0190-0
6.35	25.40	802-0064-0254-0
7.92	15.88	802-0080-0160-0
7.92	22.23	802-0080-0220-0
9.53	25.40	802-0095-0254-0
11.10	25.40	802-0111-0254-0
12.70	25.40	802-0127-0254-0

For plated finishes, replace suffix 0 with: T-tin N-nickel, C-cadmium, Z-zinc clear chromate

Twin Round with Fin



Diameter	Width	Part No
1.57	12.70	803-0016-0127-0
3.18	12.70	803-0032-0127-0
3.18	19.05	803-0032-0190-0
3.18	25.40	803-0032-0254-0
4.75	15.88	803-0048-0160-0
4.75	25.40	803-0048-0254-0
6.35	19.05	803-0064-0190-0
6.35	25.40	803-0064-0254-0
9.53	25.40	803-0095-0254-0

For plated finishes, replace suffix 0 with: T-tin N-nickel, C-cadmium, Z-zinc clear chromate

This product is manufactured by Instrument Specialities and is protected by Patent No 5294270