

Knitted Wire Mesh with Environmental IP Carrier

Our KIP product, is a knitted wire mesh bonded to an environmental seal. This type of gasket is generally used on applications where an enclosed door or hatch, or similar criteria, where a EMC shield and IP environmental seal is required. Another key area where this gasket excels is where an opening is repeatedly opened and closed. On the environmental part of the gasket self-adhesive backing comes as standard unless otherwise stated. General compression on these types of gaskets 10-15% depending on application. Compression stops can also be fitted to prevent damage to the gasket.



Standard Kitted Wire Mesh & Environmental Gasket Sizes:

| | |
|-------------|-----------|
| 2.0 x 2.0 | 0020-0020 |
| 2.4 x 3.2 | 0024-0020 |
| 2.4 x 4.8 | 0024-0048 |
| 2.4 x 6.4 | 0024-0064 |
| 3.2 x 3.2 | 0032-0032 |
| 3.2 x 4.8 | 0032-0048 |
| 3.2 x 6.4 | 0032-0064 |
| 3.2 x 9.5 | 0032-0095 |
| 3.2 x 12.7 | 0032-0127 |
| 4.8 x 4.8 | 0048-0048 |
| 4.8 x 6.4 | 0048-0064 |
| 4.8 x 9.5 | 0048-0095 |
| 6.4 x 6.4 | 0064-0064 |
| 6.4 x 9.5 | 0064-0095 |
| 6.4 x 12.7 | 0064-0127 |
| 1.57 x 12.7 | 0016-0127 |
| 1.57 x 15.9 | 0016-0159 |
| 1.57 x 19.1 | 0016-0191 |
| 2.36 x 12.7 | 0024-0127 |
| 2.36 x 19.1 | 0024-0191 |

How to order

Wire Code

Monel - 1
Aluminium - 2
TCS - 3
Stainless steel - 4

Style

Round - R
Round Tube - RT
Rectangular - REC
Round with Fin - RWF

Elastomer Core

Solid Knitted Wire Mesh - 1
Silicone Sponge - 2
Solid Silicone - 3
Silicone Tube - 4
Solid Neoprene - 5
Neoprene Sponge - 6
Neoprene Tube - 7

Environmental Type

Silicone Sponge - 1
Silicone Tube - 2
Solid Silicone - 3
Solid Neoprene - 4
Neoprene Sponge - 5
Neoprene Tube - 6

Style

Round - R
Round Tube - RT
Rectangular - REC
Round with Fin - RWF
Twin Round with Fin - TRWF

For Example: KIP-3-1-R-0032-5-REC-0032-0064 represents Standard Solid TCS Knitted Wire Mesh in a round profile form with a diameter of 3.2mm bonded to a Neoprene Sponge Environmental seal with conductive adhesive, 3.2mm thick x 6.4mm wide.

Tolerances:

Wire Mesh: +/- 0.8mm Total
Environmental Gasket: +/- 0.4mm up to 5mm.
Over this: +/- 0.8mm
Total Finished Gasket: +/- 0.8mm up to 300mm.
Over this: +/- 1.2mm
Hole Centres: +/- 0.4mm

