

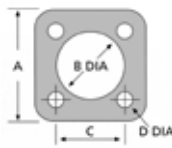
Connector Gaskets

Generally connector gaskets are cut from thin reinforced materials, such as conductive filled aluminium mesh or silicone filled expanded Monel foil, to ensure that the compressive forces exerted on the connector do not distort the gasket. However, for certain applications oriented wires in silicone or conductive silicone EMI shielding materials are selected for their specific properties.



Most gaskets can be made from all standard materials but it is important to consider the 'land-width' around the periphery of a connector gasket if conductive filled aluminium mesh or silicone filled expanded Monel foil are specified. In some instances, where a gasket has fixing holes on each corner, the holes are extended outwards to slots, which helps to prevent damage to the gasket during production and fitting.

MIL-C-5015/26482 Connector Gaskets



Dim A (mm):	Dim B (mm):	Dim C (mm):	Dim D (mm):	Part Number:
22.23	12.70	15.09	4.5	08
25.40	15.88	18.26	4.5	10
27.79	19.05	20.65	4.5	12
30.18	22.23	23.01	4.5	14
32.54	25.40	24.61	4.5	16
34.93	28.58	27.00	5.0	18
38.10	31.75	29.36	5.0	20
41.28	34.93	31.75	5.0	22
44.45	38.10	34.93	5.5	24
50.80	44.45	39.70	5.5	28
57.15	50.80	44.45	6.0	32
63.50	55.58	49.23	6.0	36
69.85	61.93	55.58	6.0	40
76.20	70.64	60.33	6.0	44

How to order

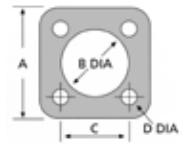
Material Type

- 1 - Silicone Filled Expanded Monel Wire
- 2 - Silicone Filled Expanded Aluminium Wire
- 3 - Fluorosilicone Filled Expanded Monel Wire
- 4 - Fluorosilicone Filled Expanded Aluminium Wire
- 5 - Neoprene Filled Aluminium Wire
- 6 - Neoprene Filled Monel Wire
- 7 - Monel Oriented Wires in Solid Silicone
- 8 - Aluminium Oriented Wires in Solid Silicone
- 9 - Monel Oriented Wires in Solid Fluorosilicone
- 10 - Aluminium Oriented Wires in Solid Fluorosilicone
- 11 - Silicone Nickel Graphite
- 12 - Fluorosilicone Nickel Graphite
- 13 - Silicone Silver Aluminium
- 14 - Fluorosilicone Silver Aluminium
- 15 - Silicone Silver Copper
- 16 - Fluorosilicone Silver Copper

Material Code	Part Number	Thickness
XX	XX	XX
from above list	shell size	in millimeters

For Example: 14-28-0016 = Fluorosilicone Silver Aluminium Connector Gasket to shell size 22 with 1.6mm thickness.

MIL C 38999 Connector Gaskets



Dim A (mm):	Dim B (mm):	Dim C (mm):	Dim D (mm):	Part Number:
15.09	16.25	21.34	4.0	08
18.26	19.30	24.51	4.0	09
18.26	19.30	24.51	4.0	10
20.62	22.48	26.92	4.0	11
20.62	22.48	26.92	4.0	12
23.01	25.78	29.29	4.0	13
23.01	25.78	29.29	4.0	14
24.61	29.05	31.95	4.0	15
24.61	29.05	31.95	4.0	16
26.97	32.35	34.32	4.0	17
26.97	32.25	34.32	4.0	18
29.36	35.18	38.10	4.0	19
29.36	35.18	38.10	4.0	20
31.75	38.35	41.28	4.0	21
31.75	38.35	41.28	4.0	22
34.93	41.53	44.45	4.5	23
34.93	41.53	44.45	4.5	24
38.10	44.70	47.63	4.5	25

