



Flat shield

K–Solid Silicon with Wires Series:

Sheet Material to die cut complicated shapes, *Solid silicone with XXXX XXX*

Benefits:

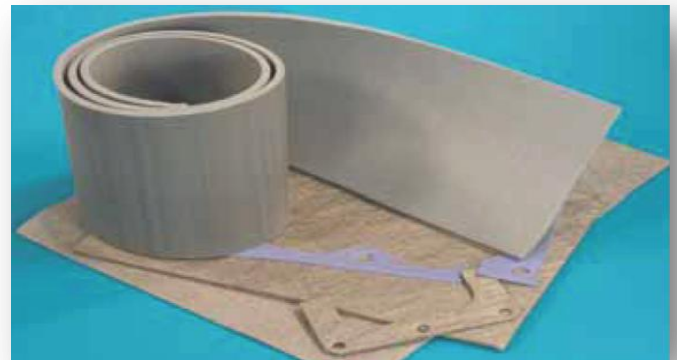
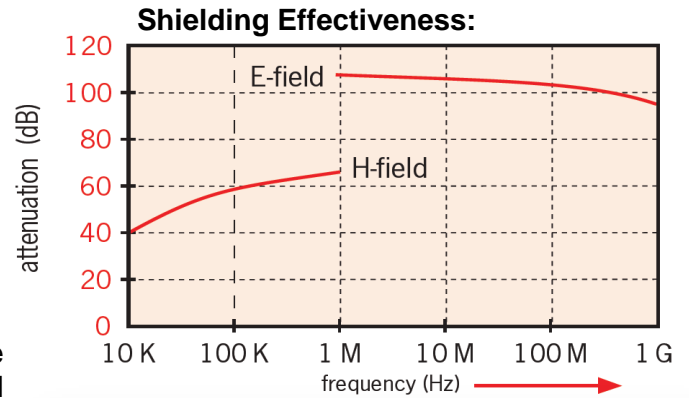
- Temperatures upto 220 °C
- High shielding performance
- Water sealing upto 10M of water
- Pressure resistance
- Salt spray / Chemical resistance
- Can be supplied as die cuts

Oriented wire in solid or cell-rubber Elastomer.

It is a composite gasket material consisting of a large number of small wires embedded and bonded in solid or sponge silicone or flour-silicone Elastomer, for oil resistance.

Flat shield “K–Solid Silicon with Wires Series” can be used in military, Industrial and commercial products requiring EMI suppression, grounding or static discharge. It is very suitable for applications where an environmental or pressure seal is required and where loose wire fragments could cause severe problems.

The sponge version is used in cases of severe joint unevenness, or if lower closure forces or greater compressibility are required



Specifications:

Colour	Grey silicone
Elastomer:	Silicone or Fluorosilicone
Conductive filler	Monel wire, aluminium wire
ROHS compliance	Yes
Corrosion resistance	Yes
UV resistance	Yes
Oil resistance	Fluorosilicone type only
Fuel resistance	Fluorosilicone type only
IP rating	Yes

Type No.:

Material	Type No.
Solid Silicon with Monel Wire	K_SMW
Solid Silicon with Aluminum Wire	K_SAW
Sponge Silicon with Monel wire	K_SpMW
Sponge Silicon with Aluminum Wire	K_SpAW

Material	Solid silicone with monel wire	Solid silicone with Alu wire	Solid Fluorosilicone with monel wire	Sponge silicone with monel wire	Sponge silicone with Alu wire
Color	Grey	Grey	Blue	Grey	Grey
Wire count / inch ²	900	900	900	900	900
Compression set	25%	25%	25%	25%	25%
Closing force (psi)	25-100	25-100	25-100	5-50	5-50
Fuel/Solvent resistant	No	No	Yes	No	No
Temperature (C°)	-65/200	-65/200	-55/200	-65/200	-65/200

Standard Thickness (mm): 0.81, 1.13, 1.38, 2.40, 3.20, 4.00, 4.78, 6.35
 Contact us for size & other thickness.