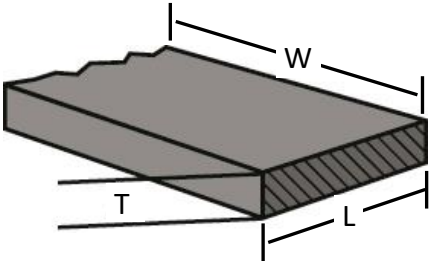


**Silicone / Fluorosilicone sheet material** is loaded with a variety of highly conductive particles providing superior EMI/RFI shielding performance combined with excellent environmental sealing.

It is recommended to use fluorosilicone as elastomer if the conductive elastomer should be resistant against aggressive substances like fuel oils and kerosene.

- Filler material: C, NIC, AGGL, AGCU, AGAL
- Conductive filler ensures galvanic compatability
- Wide range of standard thicknesses; customer-specific thicknesses and sheet sizes available
- Low contact resistance between mating surfaces
- Fluorosilicone for harsh environments: fuel oils and solvents



PRODUCT SPECIFICATIONS

Item Number	Standard sheet size	Thickness:
SPL-50x50x1,0-XXXX	50 x 50 mm	0,30 / 0,50 / 0,80mm 1,00 / 1,20 / 1,40 / 1,60 / 1,80mm 2,00 / 2,40 / 2,60mm 3,00 / 3,20 / 3,50mm 4,00 / 4,50 / 4,80mm 5,00 / 5,50mm 6,00 / 6,40mm
SPL-100x100x1,0-XXXX	100 x 100 mm	
SPL-150x150x1,0-XXXX	150 x 150 mm	
SPL-250x250x1,0-XXXX	250 x 250 mm	
SPL-300x300x1,0-XXXX	300 x 300 mm	
SPL-400x400x1,0-XXXX	400 x 400 mm	
SPL-430x450x1,0-XXXX	430 x 450 mm	

TOLERANCES

SHEET SIZE (mm)	TOLERANCE (mm)
< 2,0	± 0,15
> 2,0	± 0,25
Holes	± 0,4

BUILDING AN ITEM NUMBER

XXX-LxWxT-YYYY-ZZZ

SPL	Silicone Sheet Material
FSPL	Fluorosilicone Sheet Material
xx	Length (mm)
xx	Width (mm)
xx	Thickness (mm)
C	Carbon (only Silicone)
NIC	Nickel Graphite
AGGL	Silver plated glass
AGCU	Silver plated copper
AGAL	Silver plated aluminium
SAB	Self adhesive backing*
-	No self adhesive tape

Standard options

EXAMPLE

SPL-150x150x1,6-AGAL  
Silicone sheet material; sheet size: 150x150; thickness: 1,6 mm;  
filler material: silver plated aluminium

\*Our silicone sheet material can be supplied with a conductive or non-conductive adhesive. This adhesive has a shelf life of six months and is intended as an assembly aid only.