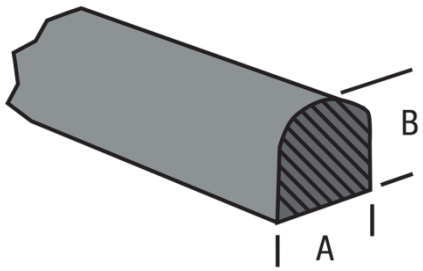
CONSTANT CONDUCTIVE ELASTOMERS
SDV-SERIES

Silicone / Fluorosilicone solid D-shape profiles are 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 variety of profiles as standard
- Customer-specific lenghts, cross-section designs and pasted O-rings available
- Low contact resistance between mating surfaces
- Fluorosilicone for harsh environments: fuel oils and solvents



RoHS ✓ REACH ✓ 12 13 REEL

PRODUCT SPECIFICATIONS

Item Number	WIDTH (A)	HEIGHT (B)
SDV-1,63x1,40-XXXX	1,63 mm	1,40 mm
SDV-1,73x1,57-XXXX	1,73 mm	1,57 mm
SDV-1,98x2,39-XXXX	1,98 mm	2,39 mm
SDV-2,26x1,98-XXXX	2,26 mm	1,98 mm
SDV-2,54x1,57-XXXX	2,54 mm	1,57 mm
SDV-2,79x3,81-XXXX	2,79 mm	3,81 mm
SDV-3,43x3,10-XXXX	3,43 mm	3,10 mm
SDV-3,96x3,00-XXXX	3,96 mm	3,00 mm
SDV-4,45x4,52-XXXX	4,45 mm	4,52 mm
SDV-4,78x4,78-XXXX	4,78 mm	4,78 mm
SDV-6,35x6,35-XXXX	6,35 mm	6,35 mm

TOLERANCES

Extruded material (mm)	TOLERANCE (mm)	Length (mm)	TOLERANCE (mm)
< 2,0	± 0,10	> 25	± 1,5
2,0 – 9,0	± 0,15		
> 9,0	± 0,2		

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BUILDING AN ITEM NUMBER

XXX-WxH-YYYY-ZZZ

SDV	Silicone D-Shape Profil
FSDV	Fluorosilicone D-Shape Profil

xx	Width (mm)

xx	Height (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

SDV-1,40x1,63-AGAL
Silicone solid D-shape profile; width: 1,4 mm; height: 1,63 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.