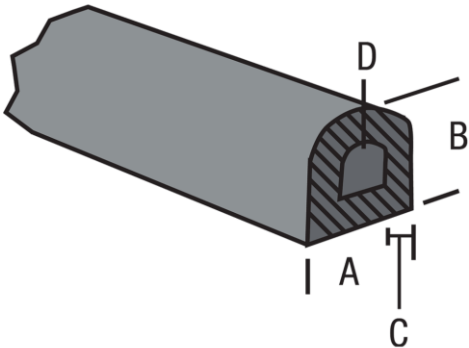


Silicone / Fluorosilicone hollow D-shape profiles are loaded with a variety of highly conductive particles providing superior EMI/RFI shielding performance combined with excellent environmental sealing.

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



PRODUCT SPECIFICATIONS

| Item Number | Width (A) | Height (B) | Wall (C) | Radii (D) |
|--------------------------|-----------|------------|----------|-----------|
| SDH-3,96x3,96x1,14-XXXX | 3,96 mm | 3,96 mm | 1,14 mm | 1,98 mm |
| SDH-4,75x4,72x1,27-XXXX | 4,75 mm | 4,72 mm | 1,27 mm | 2,36 mm |
| SDH-6,35x6,35x1,65-XXXX | 6,35 mm | 6,35 mm | 1,65 mm | 3,18 mm |
| SDH-7,92x7,92-1,27-XXXX | 7,92 mm | 7,92 mm | 1,27 mm | 3,96 mm |
| SDH-7,92x7,92x1,57-XXXX | 7,92 mm | 7,92 mm | 1,57 mm | 3,96 mm |
| SDH-12,37x8,23x2,03-XXXX | 12,37 mm | 8,23 mm | 2,03 mm | 6,20 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 | | |

BUILDING AN ITEM NUMBER

XXX-WxHxX-YYYY-ZZZ

| | |
|------|--------------------------------------|
| SDH | Silicone Hollow D-Shape Profil |
| FSDH | Fluorosilicone Hollow D-Shape Profil |
| xx | Width (mm) |
| xx | Height (mm) |
| xx | Wall (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

SDH-12,37x8,23x2,03-AGAL-SAB
Silicone hollow D-shape profile; width: 12,37 mm; height: 8,23 mm;
wall: 2,03 mm; filler material: Silver plated aluminium; with self
adhesive backing

*Our silicone 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.