

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

Carbon offers the best cost/performance ratio and temperature resistance and is mainly used for static discharge.



Features

Filler material: Carbon (C)

Wide variety of profiles as standard

Customer-specific lengths, cross-section designs and pasted O-rings available

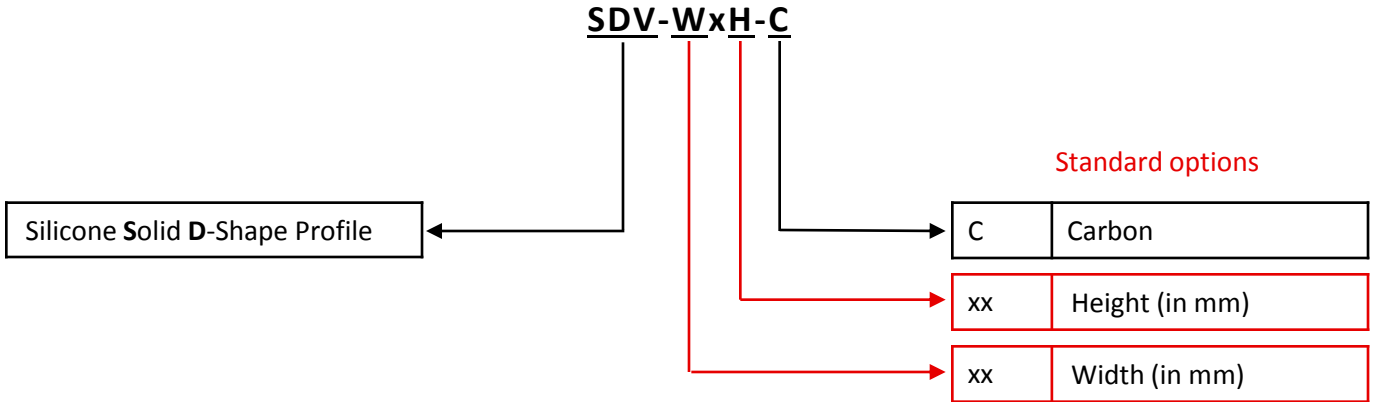
Very good elasticity

Good heat resistance

Excellent physical properties

Property	Value	Unit	Test method
Conductive filler material	Carbon (C)	-	-
Basic material	Silicone	-	-
Hardness	60 – 70	Shore A	ASTM D2240
Volume resistivity	7,0	Ω-cm	ASTM D4935
Elongation	290	%	ASTM D412
Specific gravity	1,3 ± 0,2	g/cm ³	ASTM D792
Tensile strength	6	Mpa	ASTM D412
Operating temperature	-50 – 200	°C	-
Colour	Black	-	-
Width (A)	1,0 – 30,0	mm	-
Height (B)	1,0 – 30,0	mm	-

BUILDING AN ITEM NUMBER



Example: SDV-1,0x1,2-C

Silicone solid D-shape profile; width: 1,0 mm; height: 1,62 mm; filler material: Carbon