

**Silicone solid round cords** 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

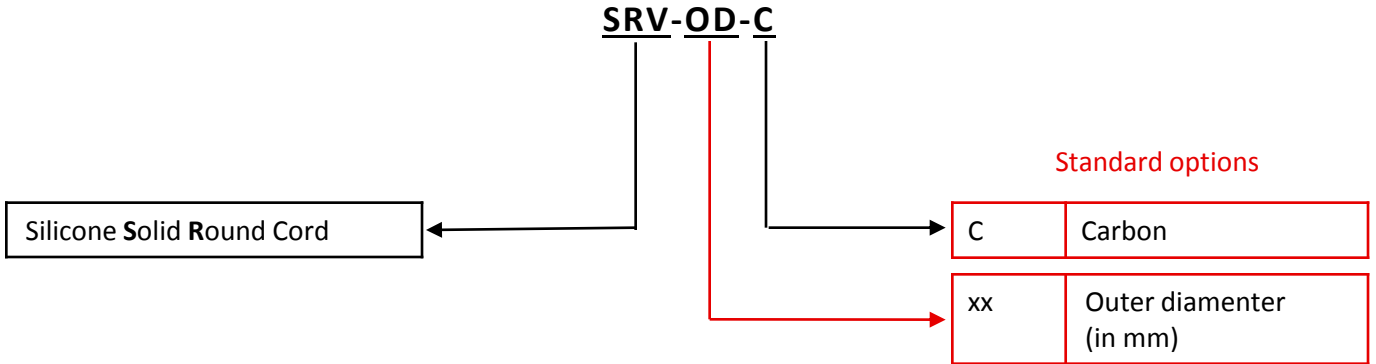
Very good elasticity

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 <sup>3</sup>	ASTM D792
Tensile strength	6	Mpa	ASTM D412
Operating temperature	-50 – 200	°C	-
Colour	Black	-	-
Outer diameter range (A)	1,0 – 30,0	mm	-

### BUILDING AN ITEM NUMBER



**Example:** SRV-2,5-C

Silicone solid round cord; outer diameter: 2,5 mm; filler material: Carbon