

**Name**      **Electrically Conductive Silicone Sheet Rubber**  
**Code**      **81-SIL-CND-SS-B70**

**1. DIMENSIONS AND APPEARANCE**

<b>Thickness</b>	in	1/16, 3/32, 1/8, 1/4, custom thicknesses available
<b>Typical length</b>	ft	50 - 100
<b>Typical width</b>	in	36, 48
<b>Surface finishing</b>		Smooth finish, both sides
<b>Color</b>		Black

**2. PHYSICAL PROPERTIES, TYPICAL**

<b>Hardness</b>	Shore A	70 +5/-10	ASTM D2240
<b>Tensile strength</b>	psi	900	ASTM D412
<b>Elongation</b>	%	180	ASTM D412
<b>Volume resistivity</b>	ohms*cm	4.3	ASTM D991
<b>Low working temp</b>	°F	-65	
<b>High working temp</b>	°F	500	

**3. TOLERANCES**

TARGET THICKNESS, in (mm)	MINIMUM, mm	MAXIMUM, mm	WIDTH TOLERANCE, in
1/16 (1.6)	1.21	1.97	-0/+1
3/32 (2.4)	2.00	2.76	-0/+1
1/8 (3.2)	2.79	3.56	-0/+1
3/16 (4.8)	3.95	5.58	-0/+1
1/4 (6.4)	5.54	7.16	-0/+1