

# BF-1000 - PLASTICS - COMPONENT

## PLASTICS - COMPONENT

File Number: E83967

Yellow Card® 

### COMPANY

#### ROGERS CORP

171 W SAINT CHARLES RD  
CAROL STREAM, IL 60188-2013 United States

### MODEL INFO

#### BF-1000

Silicone (SI) , furnished as rolls

FLAMMABILITY PROPERTIES	NOMINAL VALUE	TEST METHOD
<b>Flammability</b>		
1.2 mm, Color: WT, GY, BK	HF-1	ANSI/UL 94, ISO 9772
1.5 mm, Color: WT, GY, BK	V-0	ANSI/UL 94, IEC 60695-11-10
2.7 mm, Color: WT, GY, BK	V-0	ANSI/UL 94, IEC 60695-11-10
6.0 mm, Color: WT, GY, BK	V-0	ANSI/UL 94, IEC 60695-11-10
ELECTRICAL PROPERTIES	NOMINAL VALUE	TEST METHOD
<b>Hot-wire Ignition (HWI)</b>		UL 746A
1.5 mm	0 PLC	
2.7 mm	0 PLC	
6.0 mm	0 PLC	
<b>High Amp Arc Ignition (HAI)</b>		UL 746A
1.5 mm	1 PLC	

2.7 mm	0 PLC	
6.0 mm	0 PLC	
<b>Comparative Tracking Index (CTI)</b>	0 PLC	UL 746
<b>High Voltage Arc Tracking Rate (HVTR)</b>	0 PLC	
<b>High Voltage, Low Current Arc Resistance</b>	4 PLC	

<b>THERMAL PROPERTIES</b>	<b>NOMINAL VALUE</b>	<b>TEST METHOD</b>
<b>Relative Thermal Index - Electrical Strength</b>		UL 746B
1.2 mm	150 °C	
1.5 mm	150 °C	
2.7 mm	150 °C	
6.0 mm	150 °C	
<b>Relative Thermal Index - Mechanical Impact</b>		UL 746B
1.2 mm	150 °C	
1.5 mm	150 °C	
2.7 mm	150 °C	
6.0 mm	150 °C	
<b>Relative Thermal Index - Mechanical Strength</b>		UL 746B
1.2 mm	150 °C	
1.5 mm	150 °C	
2.7 mm	150 °C	
6.0 mm	150 °C	

<b>PHYSICAL PROPERTIES</b>	<b>NOMINAL VALUE</b>	<b>TEST METHOD</b>
<b>Density Range</b>	130 to 330 kg/m <sup>3</sup>	

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