

**Dow Silicones Corp**2200 W Salzburg Rd
Midland, MI 48686 United States

File Number: E40195

MS-1003(f1)(f8)

Silicone Rubber (SIR), two liquid components

(f1) - Suitable for outdoor use with respect to exposure to Ultraviolet Light, Water Exposure and Immersion in accordance with UL 746C.

(f8) - Complies with the requirements of NHTSA TP-302-03, FMVSS 302 "Flammability of Interior Materials".



Flammability	Value	Test Method
Flame Rating		
1.0 mm, NC	HB	UL 94
3.0 mm, NC	HB	UL 94
5.0 mm, NC	HB	UL 94
8.0 mm, NC	HB	UL 94
3.0 mm, NC	HB40	IEC 60695-11-10, -20
5.0 mm, NC	HB40	IEC 60695-11-10, -20
8.0 mm, NC	HB40	IEC 60695-11-10, -20
1.0 mm, NC	HB75	IEC 60695-11-10, -20
Glow Wire Flammability Index		
3.0 mm	725 °C	IEC 60695-2-12
5.0 mm	775 °C	
8.0 mm	750 °C	
Glow Wire Ignition Temperature		
3.0 mm	700 °C	IEC 60695-2-13
5.0 mm	700 °C	
8.0 mm	725 °C	
Electrical		
Hot-wire Ignition (HWI)		UL 746A
3.0 mm	PLC 4	
5.0 mm	PLC 3	
High Amp Arc Ignition (HAI) (3.0 mm)	PLC 0	UL 746A
Comparative Tracking Index (CTI)	PLC 0	UL 746A
Thermal		
RTI Elec		UL 746B
1.0 mm	150 °C	
3.0 mm	150 °C	
5.0 mm	150 °C	
8.0 mm	150 °C	

Component - Plastics

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Thermal	Value	Test Method
RTI Elong		UL 746B
1.0 mm	150 °C	
3.0 mm	150 °C	
5.0 mm	150 °C	
8.0 mm	150 °C	
RTI Imp		UL 746B
1.0 mm	150 °C	
3.0 mm	150 °C	
5.0 mm	150 °C	
8.0 mm	150 °C	
Physical	Value	Test Method
Outdoor Suitability	f1	UL 746C