

GT-MB-1900-02

Soft, Flame-Retarded, Silicone Gel

TECHNICAL DATA **January 2015**

Product Description

GT-MB-1900-02 is a two-component, low viscosity, flame-retarded, silicone that becomes a very soft gel upon curing. GT-MB-1900-01 also features a high surface tack after curing that will seal against substrates especially when under compression. It is designed to isolate electronics from moisture ingress as well as provide stress relief and vibration dampening. It is also easily removed for repairing potted components.

APPLICATIONS	FEATURES	SUBSTRATES	PACKAGING
<ul style="list-style-type: none"> Automotive Electronic Assembly Power Supplies 	<ul style="list-style-type: none"> Flame Retarded Water Resistant Fast Set, RT Cure RoHS Compliant 	<ul style="list-style-type: none"> Engineered Plastic Metal Ceramic Glass 	<ul style="list-style-type: none"> 5gal plastic pails

TYPICAL PROPERTIES OF UNCURED MATERIAL		
Property	Value, Part A	Value, Part B
Chemical Class	Silicone	Silicone
Appearance	Off-White	Off-White
Viscosity, 20 RPM, cps	15,000 - 20,000	2,000 - 4,000
Mixed Viscosity, 20 RPM, cps	6,000 - 12,000	
Mixed Specific Gravity (g/cc)	1.5	
Mix Ratio By Volume	1	1

TYPICAL PROPERTIES OF CURED MATERIAL	
Property	Value
Flammability (UL 94 as tested, 3.0mm thick sample)	V0
Hardness (Shore OO)	5

*All properties indicate typical values which are not meant to be used for preparing specifications.

PROCESSING	
Pot Life	3.0 Hrs
Cure Options	4 - 5hrs hours @ RT (22°C) 5 min @125°C
Clean-Up Solvent	Isopropyl Alcohol

SHELF LIFE, STORAGE CONDITIONS

1 Year DOM, 18 ± 10°C

THIS MATERIAL IS SOLD FOR INDUSTRIAL USE ONLY

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