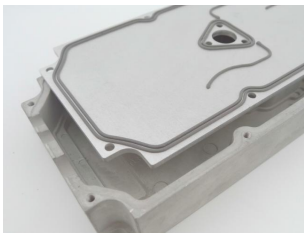
KLEBER

NYS-CURE® CG-9010 Ag/Cu FIP Conductive Gasket (High Grade)

NYS-CURE® CG-9010, a Kleber proprietary product, is a room temperature curing Silver/Copper conductive FIP gasket. It is military grade with high shielding effectiveness. With guaranteed excellent adhesion strength and dispensing flow rate, it features high conductivity by adjusting ingredients mixing ratio. Abrasion resistant becomes another benefit after curing.

Featured excellent conductivity, good elasticity and low compression set, NYS-CURE® CG-9010 has good adhesion strength on metal and plastic surfaces. The product can be applied to defense and critical industrial applications.



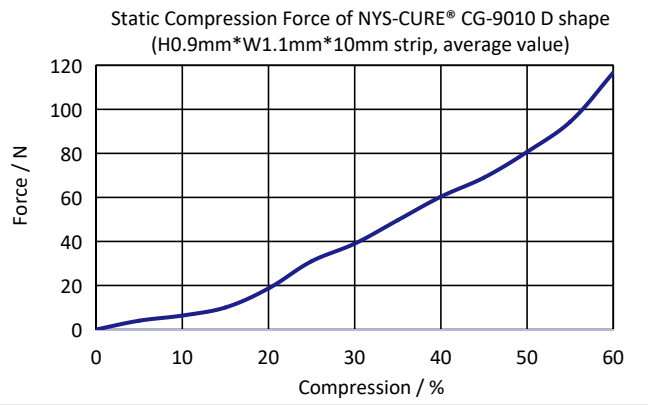
SPECIFICATIONS

Typical Performance	NYS-CURE®CG-9010	Unit	Test Method
Color	Grey	-	Visual
Resin System	Silicone	-	-
Filler	Ag/Cu	-	-
Volume Resistivity	0.003	Ohm-cm	MIL-DTL-83528C
Shielding Effectiveness	90	dB (200M-18G)	MIL-DTL-83528C
Hardness	60	Shore A	ASTM D2240
Density	3.2	g/cm^3	ASTM D792
Compression Set	30	%	ASTM D395-B
Adhesion Strength	10	N/cm	QA-WI-054
Tensile Strength	130	PSI	ASTM D412
Elongation at Break	150	%	ASTM D412
Working Temperature	-50~+125	℃	ASTM D1329
Flammability Rating	V-0	-	UL 94(with Al plate)
Curing Mechanism	Moisture	-	-
Curing Condition	25	℃	-
Curing Time	24	H	-
Storage Condition	-30℃~-10℃, 3 Months	-	-

FEATURES & BENEFITS

- Abrasion resistant, withstanding high temperature, high reliability.
- Excellent EMI shielding effectiveness, over 90dB.
- Room temperature curing to avoid negative impact on enclosure and other component(s).
- Savings on raw material, assembly labors.
- Savings on expensive tooling costs and support fast prototyping.

COMPRESSION-DEFLECTION CURVE



Declare
The recommendation and data furnished by Kleber is based on our experiment and experience to date.This information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application.Kleber shall not be liable for their usage and processing. The technology data sheet is subject to change without notice. The final interpretation right of the contents of this specification belongs to Kleber.