KLEBER

NYS-CURE® CG-5020 Heat Cured Ag/Ni FIP Conductive Gasket

NYS-CURE ® CG-5020, a Kleber proprietary product, is a high temperature curing Ag/Ni conductive FIP gasket. With guaranteed adhesion strength and conductivity, it features high EMI shielding effectiveness. High speed dispensing does not affect cross section shape.
Featured excellent conductivity, good elasticity and low compression set, NYS-CURE® CG-5020 has good adhesion strength on metal and plastic surfaces. The product is cost-effective and can be applied to defense and critical industrial applications.



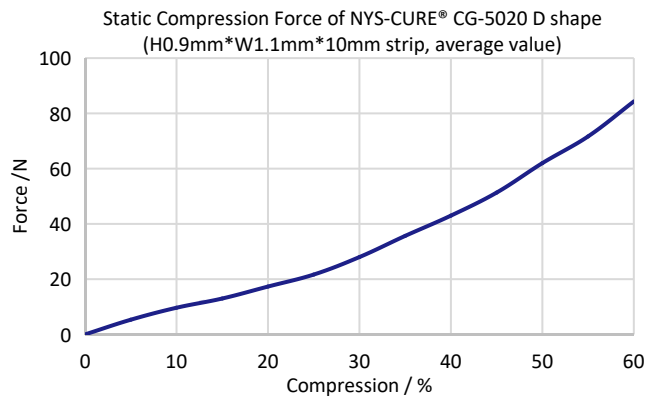
SPECIFICATIONS

Typical Performance	NYS-CURE®CG-5020	Unit	Test Method
Color	Beige	-	Visual
Resin System	Silicone	-	-
Filler	Ag/Ni	-	-
Volume Resistivity	0.01	Ohm-cm	MIL-DTL-83528C
Shielding Effectiveness	≥100	dB (200M~18G)	MIL-DTL-83528C
Hardness	55	Shore A	ASTM D2240
Density	3.9	g/cm^3	ASTM D792
Compression Set	≤30	%	ASTM D395
Adhesion Strength	≥10	N/cm	QA-WI-054
Elongation at Break	100	%	ASTM D412
Tensile Strength	150	PSI	ASTM D412
Working Temperature	-50~+125	℃	ASTM D1329
Flammability Rating	V-0	-	UL 94(with Al plate)
Curing Mechanism	High Temp.	-	-
Curing Condition	100/4	℃/H	-
	120/2	℃/H	-
	150/0.5	℃/H	-
Storage Condition	-30℃~-10℃, 6 Months	-	-

FEATURES & BENEFITS

- Withstanding high temperature, high reliability.
- Excellent EMI shielding effectiveness, over 90dB.
- Heat cured and suitable for assembly line work.
- Cost-effective.
- 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 .