

NYS-CURE® CG-7010AD Corrosion Resistant Ag/Al FIP Conductive Gasket

curing Silver/Aluminum conductive FIP gasket. With guaranteed excellent adhesion strength and dispensing flow rate, it features high conductivity by adjusting ingredients mixing ratio. It also has good corrosion resistance and high reliability after curing.

Featured low hardness, good elasticity and low compression set, NYS-CURE® CG-7010AD has good adhesion strength on metal and plastic surfaces. The product can be applied to optical transceivers, telecommunication base stations, radar equipment, handheld device and critical industrial applications.



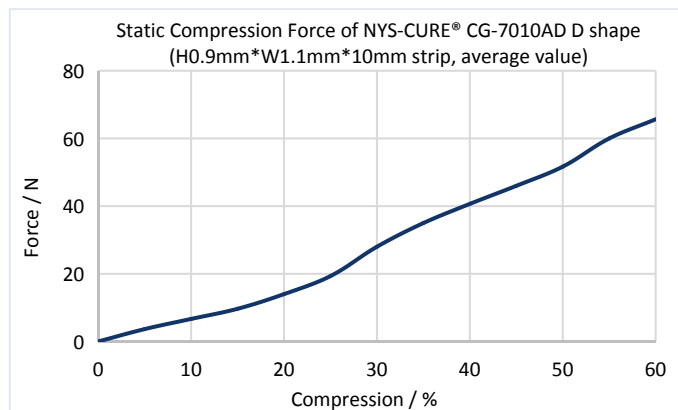
SPECIFICATIONS:

Typical Performance	NYS-CURE®CG-7010AD	Unit	Test Method
Color	Gray	-	Visual
Resin System	Silicone	-	-
Filler	Ag/Al	-	-
Volume Resistivity	0.008	Ohm-cm	MIL-DTL-83528C
Shielding Effectiveness	100	dB (200M-18G)	MIL-DTL-83528C
Hardness	60	Shore A	ASTM D2240
Density	2.2	g/cm ³	ASTM D792
Compression Set	30	%	ASTM D395
Adhesion Strength	10	N/cm	QA-WI-054
Tensile Strength	180	%	ASTM D412
Elongation at Break	130	PSI	ASTM D412
Working Temperature	-50~+125	°C	ASTM D1329
Flammability Rating	V-0	-	UL 94
Curing Mechanism	Moisture	-	-
Curing Condition	25	°C	-
Curing Time	24	H	-
Storage Condition	-30°C~-10°C, 3 Months	-	-

FEATURES & BENEFITS:

- Corrosion resistance, good choice for outdoor equipment.
- Excellent EMI shielding effectiveness, over 100dB.
- 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 Nystein China 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. Nystein China 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 Nystein China.