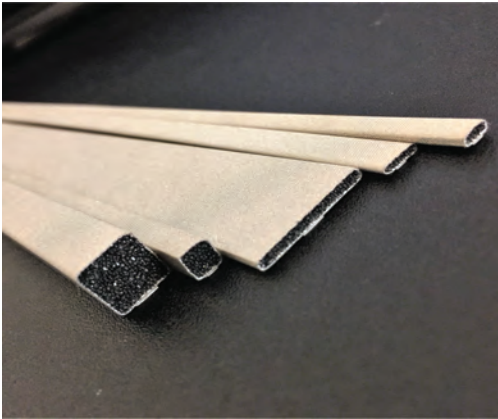


EMI Gaskets

NLCG Series



Fabric-over-foam gasket with low surface resistance for excellent shielding effectiveness and ESD mitigation

- Excellent shielding properties from 10 MHz and above
- Easy to process and cut to length

Part Number Example

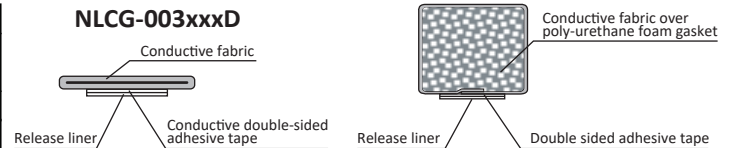
NLCG-**010050**D

Thickness e.g: 010= 1mm / 120= 12mm
 Width e.g: 050= 5mm / 100= 10mm
 Suffix "D" means optional conductive adhesive tape

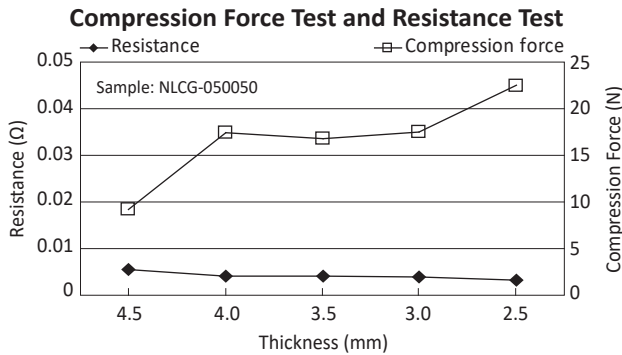
Example: NLCG-010050 → Height 1mm × Width 5mm

Specification

Property	NLCG Series
Material	Nickel-cooper plated, Woven polyester fabric over polyurethane foam with non-conductive adhesive
Flame Resistance	UL94 V0 (File No. E223669)
Operating Temperature (°C)	-20 ~ +70



Characteristics



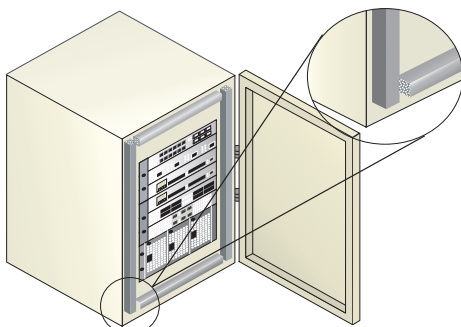
Size Variation

● Double sided adhesive tape type ○ Conductive adhesive tape type

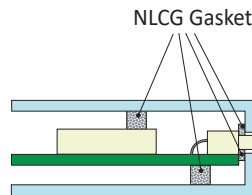
Height	Width									
	5	6	7	10	13	15	21	30	35	
0.3	○								○	
1	●		●	●						
1.5	●		●	●						
2	●		●	●			●		●	
3	●			●						
4	●			●		●				
5	●			●						
6		●		●						
7				●		●				
10				●						
12				●						
15							●			

Unit: mm

Application Example

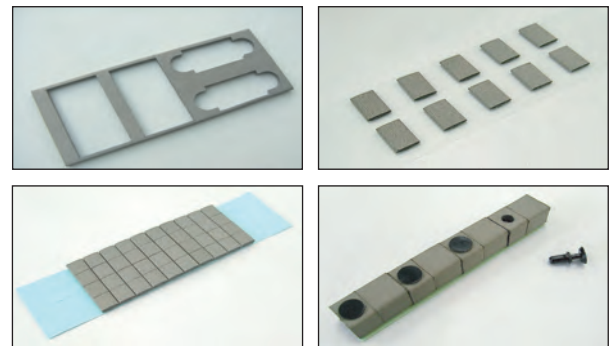


Shielding between metal enclosure and door



- Grounding between
- PCB and chassis
 - PCB and connector

Die-cut Capabilities



All statements, specifications, properties, technical information, and recommendations herein are based on tests; however, the accuracy and completeness are not guaranteed and are subject to change without notice due to product improvement and specification change. This statement is made in lieu of all warranties, expressed or implied, including the implied warranties of marketability, and fitness for purpose. KITAGAWA INDUSTRIES America, Inc. obligation under this warranty shall be limited to replacement of product that proves to be defective. Prior to use, the user shall determine the suitability of the product for its intended use, and the user assumes all risk and liability whatsoever in connection therewith. KITAGAWA INDUSTRIES America, Inc. shall have no liability for any injury, loss, or damage arising out of the use of or the inability to use the products. No statement or recommendation contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer.

Please request for detailed product specification data prior to purchase

Volume resistivity stated on our EMI absorber flyer is meant for noise control parameters, where the absorber is considered a conductor, but not for insulation performance. Care should be taken when using absorbers. KITAGAWA INDUSTRIES America, Inc. makes no guarantees as to electrical resistivity values and accepts no liability due to short circuits where EMI absorbers are used directly on a PC Board or areas near high voltage such as for power. The products are designed for EMI noise reduction for electronics. This is not recommended for applications involving human life or extremely high accuracy. Prior to using the products in production, please verify their performance or adhesive strength of PSA for long term use. Avoid applying any external stress such as bending or high amounts of tension. Note when the absorber products are cut, bent, or pulled, there may be a possibility of creating cracks. For storage, keep products in a cool, dry, well-ventilated area at room temperature and avoid high temperatures, humidity, and direct sunlight.

Please contact the sales department at KITAGAWA INDUSTRIES America, Inc. for the use of our products prior to selecting the parts for your application.

NLCG-003050 D



Height: 0.3 mm
Width: 5 mm

NLCG-003300 D



Height: 0.3 mm
Width: 30 mm

NLCG-010050




Height: 1 mm
Width: 5 mm

NLCG-010070



Height: 1 mm
Width: 7 mm

NLCG-010100



Height: 1 mm
Width: 10 mm

NLCG-015050




Height: 1.5 mm
Width: 5 mm

NLCG-015070




Height: 1.5 mm
Width: 7 mm

NLCG-015100



Height: 1.5 mm
Width: 10 mm

NLCG-020050



Height: 2 mm
Width: 5 mm

NLCG-020070



Height: 2 mm
Width: 7 mm

NLCG-020100




Height: 2 mm
Width: 10 mm

NLCG-020210



Height: 2 mm
Width: 21 mm

NLCG-020350




Height: 2 mm
Width: 35 mm

NLCG-030050




Height: 3 mm
Width: 5 mm

NLCG-030100



Height: 3 mm
Width: 10 mm

NLCG-040050



Height: 4 mm
Width: 5 mm

NLCG-040100




Height: 4 mm
Width: 10 mm

NLCG-040130



Height: 4 mm
Width: 13 mm

NLCG-050050



Height: 5 mm
Width: 5 mm

NLCG-050100



Height: 5 mm
Width: 10 mm

NLCG-060060



Height: 6 mm
Width: 6 mm

NLCG-060100



Height: 6 mm
Width: 10 mm

NLCG-070100



Height: 7 mm
Width: 10 mm

NLCG-070130



Height: 7 mm
Width: 13 mm

NLCG-100100



Height: 10 mm
Width: 10 mm

NLCG-120100



Height: 12 mm
Width: 10 mm

NLCG-150150



Height: 15 mm
Width: 15 mm

- Please note: Images are not shown to scale
- 0.3 mm thickness is also available as Halogen Free version
- Conductive double-sided adhesive tape available upon request