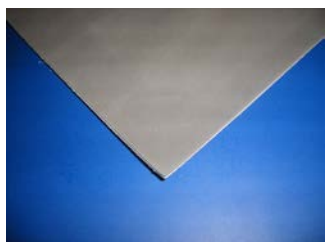


EMI Noise Suppression Sheet – NSSU20A, 40A Series



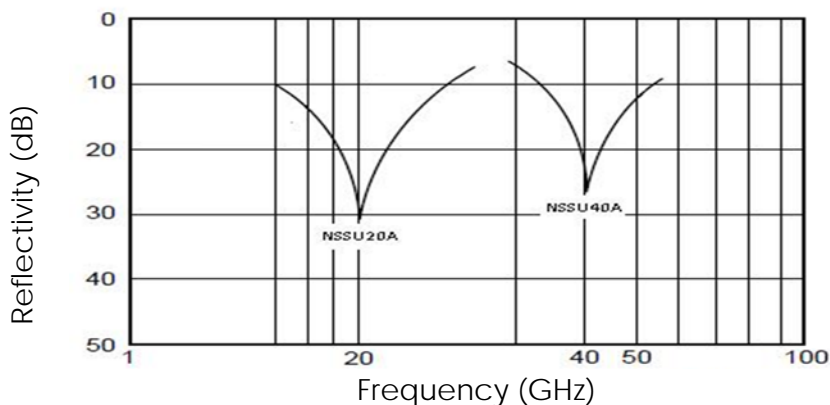
Designed for microwave (high frequency) interference noise. Flexible, high heat enduring, high attenuation, and available with convenient adhesive. Die-cut sizes and configurations to meet your needs, as well as in sheet form and long rolls.

Features

1. Flexible Silicone rubber turned for mode suppression in an enclosed cavity, signal isolation and surface current attenuation.
2. No losses or damage at DC or at any operation frequency.
3. Broadband EMI noise Absorber
4. Flexible and pliable. Can be applied with no gaps or spaces. Can be used as an RF shield.

Intermark P/N	**NSSU20A-1.75T	**NSSU40A-0.7T
Frequency	19.5-20.5 GHz	39.5-40.5 GHz
Thickness (mm)	1.75 mm +/- 0.1mm (incl. adhesive: 0.1mm thick)	0.7mm +/- 0.1mm (incl. adhesive: 0.1mm thick)
Dielectric constant	10	7
Absorption Loss (dB)	Up to 30 dB	
Operating Temperature	-30°C — +150°C	
Material	Carbonyl iron loaded Silicone rubber	
Flame Retardant Grade	Updating the document and process	
Standard Sizes	70 mm by meter length (Roll Size Available upon request)	
Appearance	Dark Brown	
Note	Adhesive on one side	

Reflection Loss



****SPECIAL NOTE:** NSSU20A, NSSU40A materials are categorized under the export license authority in Japan. To export this material out of Japan, the export license process is required.



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The specifications and properties regarding performance above are not guaranteed, and are subject to change without notice due to product improvement and specification change. While our absorbers are electrically non-conductive, usage directly on the PC Board near the power should be carefully checked. Intermark (USA) 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. The products are designed for EMI noise reduction for electronics. This is not recommended to use for applications involving human life or extremely high accuracy. Prior to your usage of the products in production, please verify their performance of EMI noise absorption or adhesive strength of PSA for long term use. Avoid applying any external stress such as bending or high amounts of tension. Note that when the absorber products are cut, bent or pulled, there might be some possibility of creating cracks. For storage of the products keep them in cool and dry rooms at ambient temperature avoiding high temperatures, humidity, and direct sunlight. Keep in a cool, dry, well ventilated place.

All statements, technical information, and recommendations herein are based on tests and are believed to be reliable, but the accuracy and completeness are not guaranteed and are subject to change without notice due to product improvement and specification change. The following is made in lieu of all warranties, expressed or implied, including the implied warranties of marketability and fitness for purpose. Intermark USA's obligation under this warranty shall be limited to replacement of product that proves to be defective. Before using, user shall determine the suitability of the product for its intended use, and user assumes all risk and liability whatsoever in connection therewith. Intermark USA 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 not contained herein shall have any force or effect unless in an agreement signed by officers of seller and manufacturer.