

# Technical Data Sheet

## ND-10505-G-55

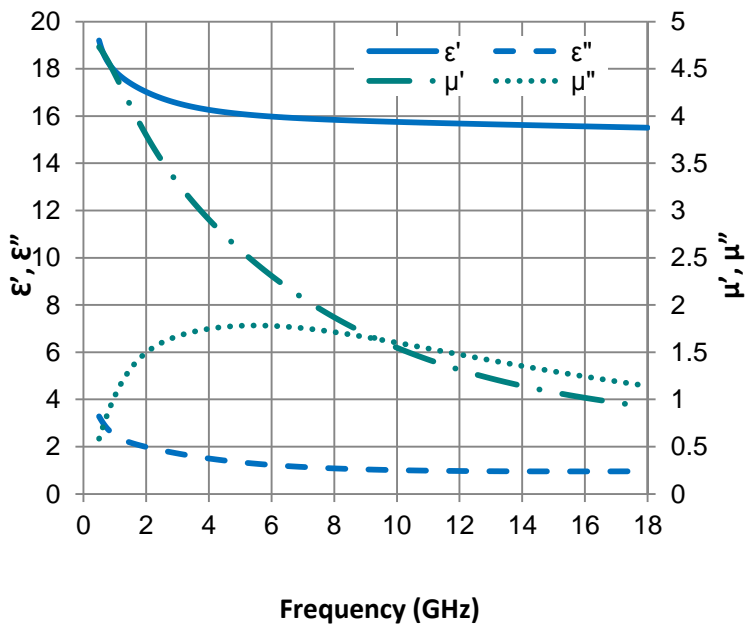


### Description

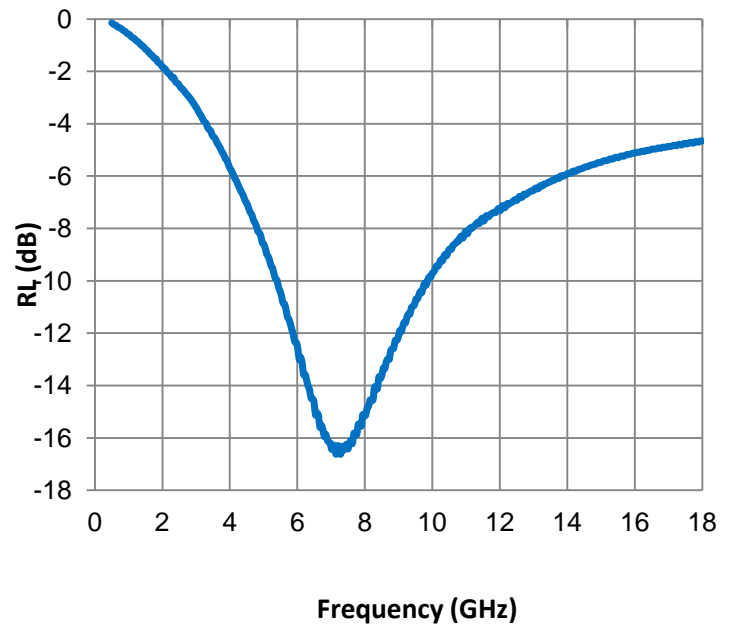
- Green (uncured), flexible, loaded nitrile rubber based microwave absorber.
- ND-10505-G is tuned for mode suppression in an enclosed cavity, signal isolation and surface current attenuation.
- Standard sheet size:
  - 12" x 12" (30.48 cm x 30.48 cm)
  - Other sheet sizes available upon request.
- Can be water-jet or die cut for custom configurations.
- Halogen free, RoHS and REACH compliant.

<u>Cured Properties</u>	<u>Test Method</u>	<u>Value</u>
Durometer	ASTM D2240	61 Shore A
Tensile Strength	ASTM D638	271 psi
Elongation	ASTM D638	378%
Surface Resistivity	ASTM D257	> 5.2 MΩ/□
Max Operating Temperature	--	300°F (177°C)
Sheet Thickness	--	0.055" (1.40 mm)
Color	--	Gray

**Permittivity and Permeability**



**Reflection Loss**



Note: the information provided above is accurate at time of publication. It is the responsibility of the end-user to confirm compliance to their application. All test data is typical.