

Technical Data Sheet

WX-B Series



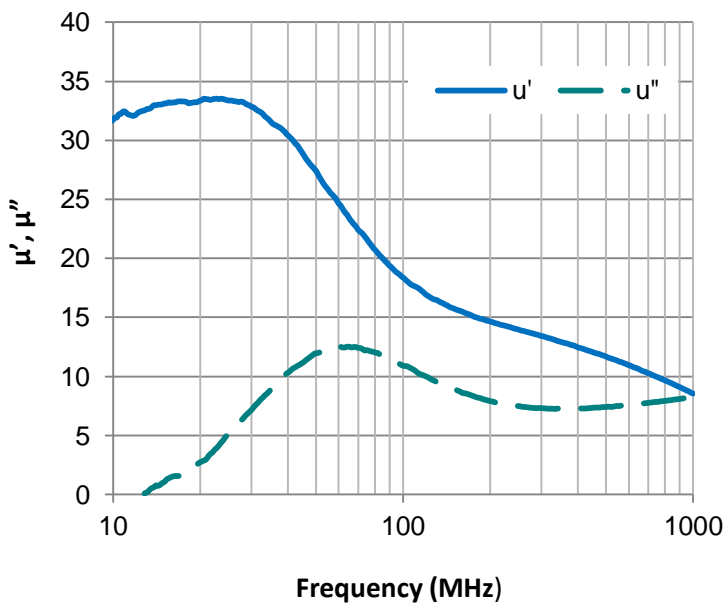
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Description

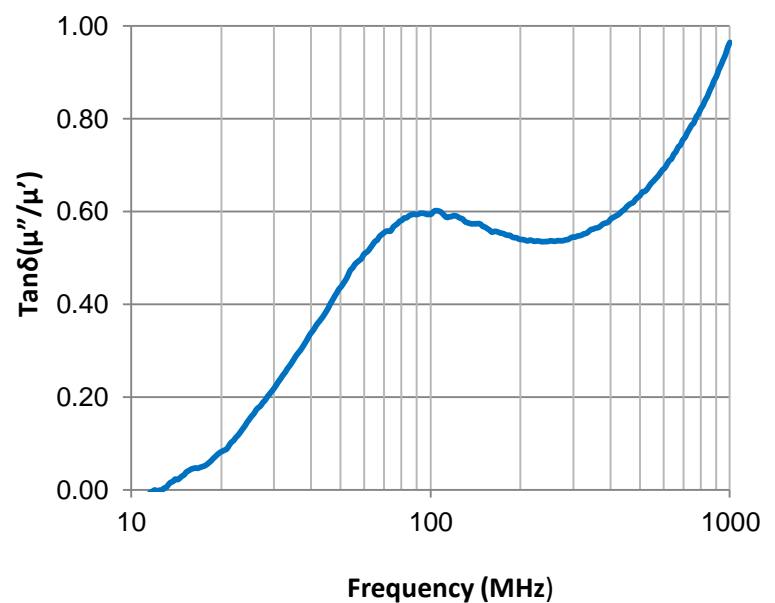
- WX-B is a combination of a highly effective magnetic absorber with the physical characteristics of a flexible elastomer.
- Low magnetic loss tangent below 20 MHz, is ideal for RFID, NFC, and wireless power charging applications.
- Above 20 MHz the high magnetic loss of WX-B makes it suitable for near-field applications requiring maximum absorption.
- Other sheet sizes and thicknesses are available upon request.
- Available with PSA, surface coating or ground plane.
- Can be water-jet or die cut for custom configurations.
- RoHS and REACH compliant.

| Properties | Test Method | Value |
|--------------------------|-------------|--|
| Durometer | ASTM D2240 | 80 Shore A |
| Tensile Strength | ASTM D638 | 2450 psi |
| Elongation | ASTM D638 | 17% |
| Surface Resistivity | ASTM D257 | > 0.1 MΩ/□ |
| Flammability Rating | -- | UL94 V-0 |
| Standard Sheet Thickness | -- | 0.010" (0.254 mm) 0.020" (0.508 mm) |
| Standard Sheet Size | -- | 12" x 12" (304.8 mm x 304.8 mm) |
| Color | -- | Silver |

Measured Complex Permeability



Magnetic Loss Tangent



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.