

Technical Data Sheet



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CD Series



ARC Technologies CD SERIES

MAGRAM CD Series combines superior energy absorption properties of high performance magnetic materials with the desirable physical properties of Neoprene. CD Series Neoprene rubber based microwave absorber can be tuned for mode suppression in an enclosed cavity, signal isolation and surface current attenuation.

Product Overview

MAGRAM CD Series contains a flexible Neoprene rubber binder. It is a microwave absorber tuned for mode suppression in an enclosed cavity, signal isolation and surface current attenuation. Mechanically stable, and resistant to extreme environments and temperatures, it is resistant to moisture, fluids and some fuels. Neoprene exhibits good chemical stability, and maintains flexibility over a wide temperature range. This product is halogen free, RoHS and REACH compliant. Attenuates: from 500MHz to 40GHz.

Why MAGRAM CD is Effective

Neoprene rubber has excellent weathering resistance properties. CD Series Neoprene Magram material is effective in a high moisture environment and maintains excellent performance when exposed to outside elements.

When To Use

MAGRAM CD Series Neoprene resists degradation from sun, ozone and weather while performing well when in contact with oils and some chemicals. Neoprene maintains its strength, flexing, and elongation very well over a wide temperature range while having outstanding physical toughness.

Temperature Range (dry heat) low high – 40°F (- 40°C) 250°F (121°C)

Moderate Resistance to Petroleum Oils

Good Resistance to Ozone

Resistance to UV

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.