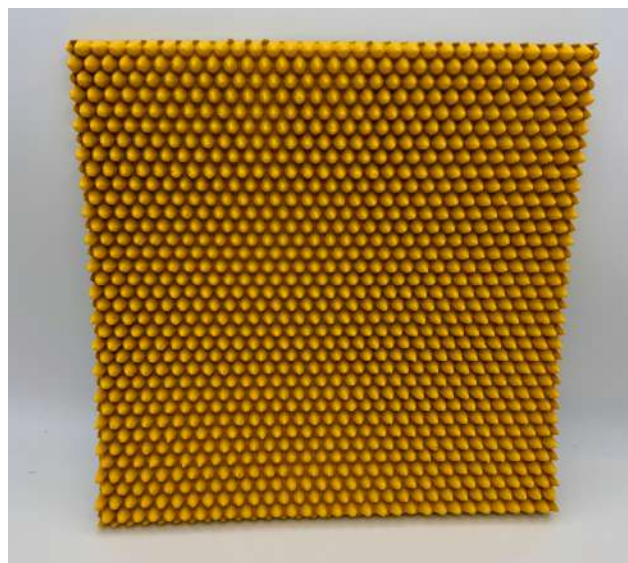


Conical RADAR ABSORBENT MATERIAL (RAM) of 6mm:

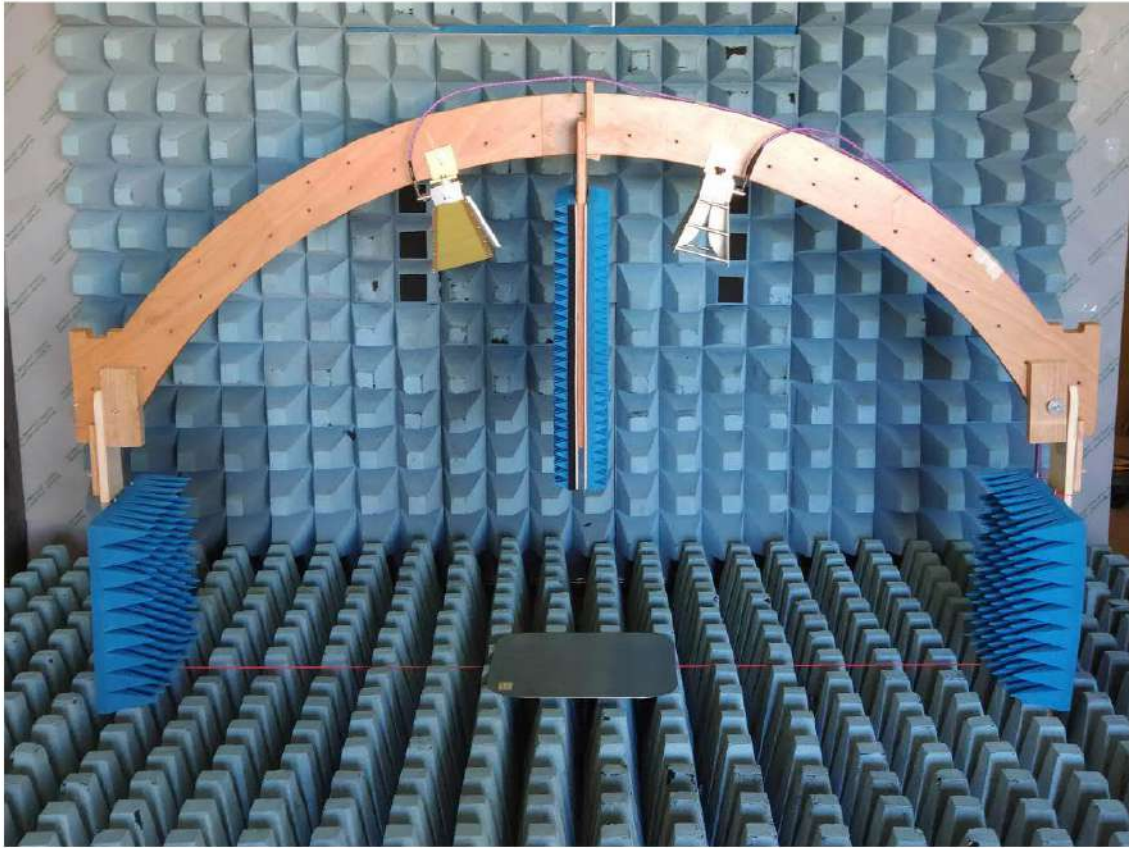
95.00344-00

Characteristics Features

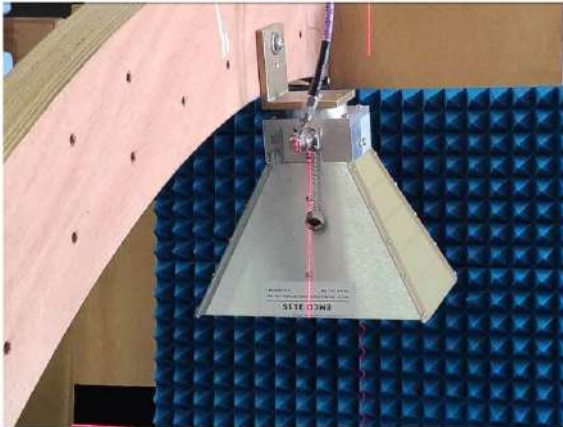
- ❖ Basic Composition: Loaded Nitrile Rubber.
- ❖ Working Temperature: -50 °C to + 80 °C.
- ❖ Thickness: 6 mm +/- 1 mm.
- ❖ Base Size: 150mm +/- 2 mm X 300mm +/- 5 mm.
- ❖ Weight: Approx. 190 gm +/- 20 gm of 150mm X 300mm size sheet.
- ❖ Color: Black
- ❖ Feature: Broadband, Conical, Weather proof
- ❖ Application: To cut down unwanted reflections around Automotive Radars for ADAS (Advanced Driver Assistance System), Smart train, etc.
- ❖ Frequency region: 40 GHz to 110 GHz.
- ❖ Reflectivity Performance: Minimum reflection loss with respect to metal plate at near normal incidence shall be -12dB at 40GHz and -15dB between 77 to 110 GHz.



Typical NRL Arch test setup



General test setup



Self-leveling laser level for aligning



500x500 mm reflective metal plate