

LMT DIAPHRAGMS

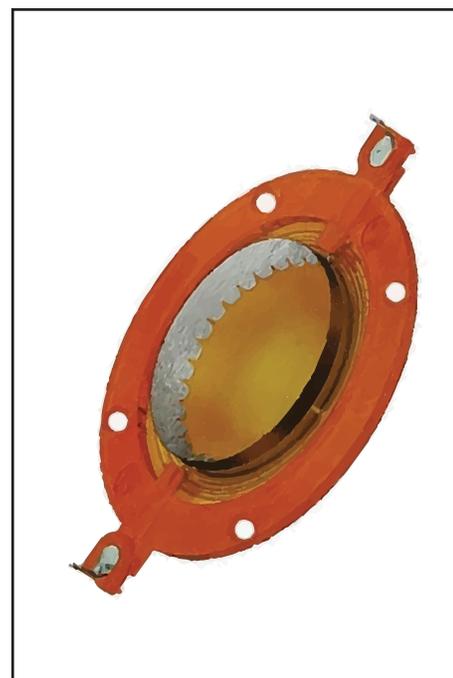
Description-: The PENZA Diaphragm LMT is a high-performance replacement component designed for PENZA'S driver units. These units are integral to PENZA'S LMT (Low-Mid-Treble) series, renowned for their robust performance in public address systems, particularly in large venues like stadiums, auditoriums, and open-air events.

Key Specification-:

- The diaphragm material must be lightweight and rigid (such as Mylar, Kapton, or titanium), ensuring fast response and minimal distortion.
- The coil winding (often copper or aluminum) must be accurately aligned and matched in impedance to the compression driver for optimal performance.
- Diaphragms in LMT drivers are rated to handle certain RMS and peak power —these limits are critical to avoid tearing or thermal damage.

Features-:

MODEL NO.	LMT DIAPHRAGMS
Diaphragm Material	Mylar / Kapton / Titanium / polymer
Voice Coil Wire	Copper (CCAW) or Aluminum
Throat Compatibility	Thread size (e.g. 1-3/8"-18 TPI or other).
Support Structure	Aluminum frame, magnetic backing, suspension
Durability	Up to ~100-200 °C in some designs.
Voice Coil Diameter	e.g., 25 mm, 30 mm, etc.



LMT DIAPHRAGMS