

Reliable, Permanent RF Barrier for Long-Term PIM Protection

PIM Shield® Tape is a permanent RF barrier that can be used in conjunction with other PIM Shield® products to block radio frequency. PIM Shield® tape is designed to bond to a wide variety of surfaces including metals (galvanized steel, aluminum), single ply roofing (EPDM, TPO), multiply roofing (SBS modified bitumen, asphalt BUR), concrete, brick and wood. The tape's extra-thick, highly compliant synthetic resin adhesive enables strong bonds to irregular surfaces.



Exceptional RF Attenuation

Engineered to reduce signal interference across a broad frequency range, PIM Shield® Tape delivers >10 dB attenuation from 600 MHz to 2700 MHz, enhancing signal clarity in high-demand wireless environments.



Low-PIM Performance

Independently tested to IEC 62037-8 standards, the tape achieves IM3 values below -100 dBm using a dual-tone near-field test, ensuring ultra-low passive intermodulation for reliable performance at critical sites.



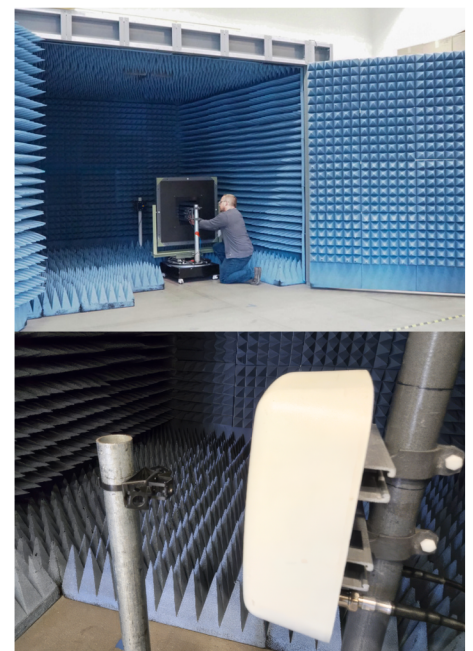
Rugged, Multi-Layer Construction

Built with a UV-stable TPO outer layer, low-PIM metal foil core, and a thick synthetic resin adhesive, this tape maintains long-term integrity in extreme temperatures, moisture, and sun exposure.



Versatile Bonding on Tough Surfaces

Forms strong, permanent bonds on a variety of materials including galvanized steel, aluminum, roofing membranes, concrete, wood, and more.



Rigorously tested in our proprietary anechoic chamber at our Colorado Springs, CO, facility to ensure optimal signal performance and minimal interference.

Product Family

Below is a comprehensive list of all parts in this family, along with their performance highlights and additional details.

Product Family

| Part Number | Roll Width | Roll Length | Color | Qty. Per Case |
|----------------|------------|-------------|-------|---------------|
| 008587-06-25-W | 6" | 25' | White | 4 |
| 008587-06-25-B | 6" | 25' | Black | 4 |
| 008587-12-25-W | 12" | 25' | White | 2 |
| 008587-12-25-B | 12" | 25' | Black | 2 |

Performance Highlights

- IM3 < -100 dBm (-143 dBc) at 700 MHz and 1900 MHz bands per IEC 62037-8
- Dynamic near-field test with 2 x 43 dBm stimulus and fiberglass-rod tapping
- Pass/fail level: -100 dBm

Additional Details

- Material: Glass-filled, UV-stable nylon
- Color: Black
- Test Conditions: IEC 62037-8; non-flat trapezoid support (900860-10); near-field dynamic stimulus
- Thermal Range: -40 °C to +70 °C
- Mounting Compatibility: 0.118"-0.160" support bars with 0.71"-0.76" hole diameter
- Case Dimensions: 11.0" x 8.5" x 6.5"
- Compliance: RoHS