

900964-xx-100



SPECIFICATIONS

<p>General</p>	<p>PIM Foil is a light weight, temporary RF barrier that can be deployed on rooftops, both in front of as well as behind base station antennas to help isolate sources of Passive intermodulation (PIM). When PIM Foil is placed over an external PIM source, PIM from that source typically reduces by >30 dB. PIM Foil not only helps validate the exact location of external PIM but also show the level of improvement that could be achieved with a permanent repair.</p>			
<p>Application</p>	<p>Overlap rows of PIM Foil by 3-inches when covering large areas. Dashed line printed on 36-inch wide Foil provides guide for overlap. Tape PIM Foil in place to prevent movement due to wind. Surfaces must be clean and free of dust and dirt to improve tape adhesion. Tape adjacent rows of PIM Foil together as required to prevent separation. Additional ballast may be required in addition to tape to prevent lifting in wind. Not recommended for wind speeds > 10 mph (1.6 kph). For higher wind applications, use PIM Blankets. PIM Foil provides some tear and puncture resistance and with care can be used multiple times before having to be replaced.</p>			
<p>PIM Performance</p>	<p>IM3 < -120 dBm when tested in accordance with proposed IEC 62037-8, far field test, 2x 20W test tones, static test, vertical orientation.</p>			
<p>RF Attenuation</p>	<p>>10 dB (600 MHz to 2 GHz) >20 dB (>2 GHz)</p>			
<p>Construction</p>	<p>Low PIM metal foil with dielectric coating applied to both sides, supplied on 3-inch (7.6 cm) kraft core. For permanent repairs, PIM Foil must be covered by UV stable protective layer such as Vinyl tape or TPO / EPDM roofing membrane.</p>			
<p>PART NUMBER</p>	<p>ROLL WIDTH</p>	<p>ROLL LENGTH</p>	<p>SHIPPING WEIGHT</p>	<p>SHIPPING DIMENSIONS</p>
<p>900964-18-100</p>	<p>18 inch (45.7 cm)</p>	<p>100 FT (30.5 m)</p>	<p>4.7 lbs. (2.1 kg)</p>	<p>21 x 4.5 x 4.5 inch (53.5 x 11.5 x 11.5 cm)</p>
<p>900964-36-100</p>	<p>36 inch (91.4 cm)</p>	<p>100 FT (30.5 m)</p>	<p>9.0 lbs. (4.1 kg)</p>	<p>39 x 4.5 x 4.5 inch (99.1 x 11.5 x 11.5 cm)</p>