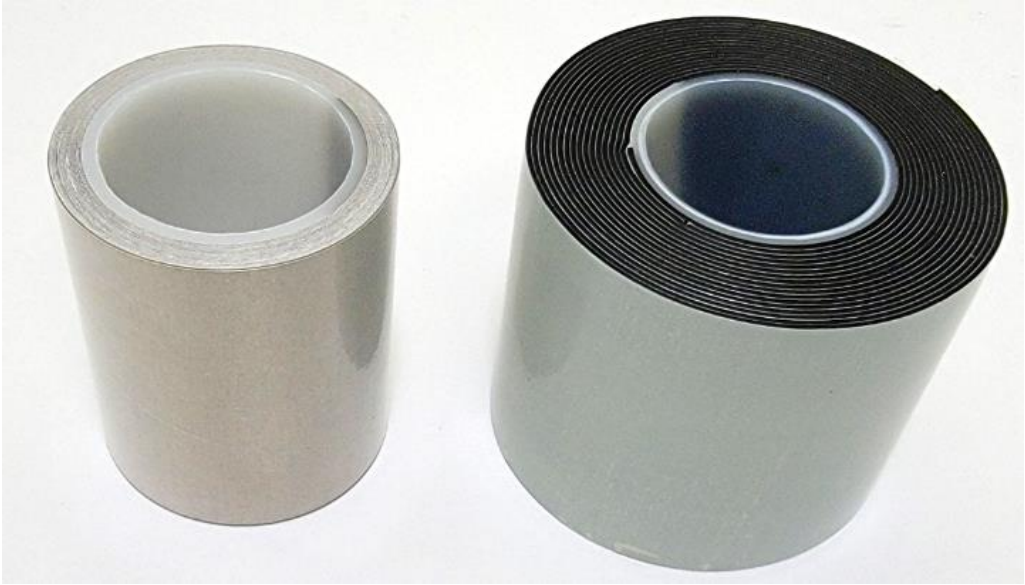
INSTALLATION INSTRUCTIONS

PIM BLOCKER™ TAPE

PRODUCT DESCRIPTION

PIM Blocker™ tape offers the next generation of PIM shielding. PIM is a major issue which contributes to signal loss and bad quality in cell carriers. One of the simplest solutions is to use PIM tape to cover any potential PIM generating sources. PIM Blocker™ Tape is a combination of RF shielding tape and Self-amalgamating tape. Each kit includes 1 roll of shielding tape and 2 rolls of self amalgamating tape. PIM Blocker™ Tape is a rapidly deployable RF barrier able to adhere to a wide variety of surfaces.

TYPICAL APPLICATIONS



RF Shielding Tape **Self-amalgamating Tape**

Application of RF Shielding Tape

Step 1:
Identify the PIM sources using a PIM probe. Once the source is identified, clean the surface of the source thoroughly.

Step 2:
Apply a layer of RF shielding tape over the suspected PIM source. Make sure the PIM source is covered completely with a layer of shielding tape. Overlap layers where needed.

Step 3:
Once the PIM source is completely covered with a layer of the RF shielding tape cover it with 2 to 3 layers of self-amalgamating tape to secure, position and weatherproof the RF shielding tape.

PIM BLOCKER™ TAPE

Application of Self-amalgamating Tape

Step 4:
Start the self-amalgamating wrap two inches from the RF shielding tape. Make one wrap of tape over itself, then begin spiraling towards the shielding tape.

Step 5:
Continue to stretch and wrap to about two inches after the RF shielding tape, then start spiraling back to complete the second layer. Note how stretched tape follows contours and irregularities.

Step 6:
Once the RF shielding tape is covered with at least two layers of self-amalgamating tape, make sure the final wrap is around itself. Hold tape with thumb and pull until it breaks. Do not cut tape to terminate it.

Step 7:
Carefully smooth terminated end until it fuses to itself. Make sure the PIM source is completely covered.

Important tips:

- Make sure the PIM source surface is clean
- Discard the paper separator strip as the tape is wrapped.
- We recommend wrapping 1 layer of RF shielding tape with 2 layers of self-amalgamating tape.
- Begin the self-amalgamating wrap 2 inches away from the RF shielding layer and spiral towards RF shielding layer. Make sure you cover 2 inches of space after the shielding layer before spiraling back for the second layer.
- Self-amalgamating tape contains no adhesive. It bonds only to itself.
- In order for the self-amalgamating tape to bond to itself, it must be stretched as you wrap. A change in hue from black to silver-grey indicates proper amount of stretch.
- Make sure to wrap the self-amalgamating tape once around itself at the start and finish of each complete wrap and overlap half a tape width on each turn.
- Do not cut the self-amalgamating at the end of wrap. The end should be torn off (See step 6).