

## KEY FEATURES

- Low PIM
- High RF Attenuation
- Crack Resistant
- UV stable Acrylic
- Water based
- Non-flammable



## PRODUCT DESCRIPTION

### General

PIM Seal™ PIM mitigation caulk is a thick, conductive acrylic polymer with enhanced elasticity designed to reduce external passive intermodulation (PIM) at cellular base stations. PIM Seal™ Conductive Caulk can be applied directly to metal interfaces on antenna mounting frames to block RF energy from reaching non-linear junctions to reduce PIM. For large, flat surfaces use PIM Shield® PIM mitigation paint.

## SPECIFICATIONS

## VALUE

<b>Intended use</b>	Interior or Exterior use
<b>Color</b>	Dark Gray
<b>Resin type</b>	Acrylic
<b>Viscosity</b>	120 – 130K cps
<b>Flash Point</b>	n/a
<b>VOC</b>	<80 g/l
<b>CARB</b>	<80 g/l
<b>Volume Solids per gallon</b>	44 %
<b>Weight Solids per gallon</b>	34 %
<b>Specific Gravity</b>	1.19
<b>Drying time</b>	8 hr.
<b>Dry to touch</b>	4 hr.
<b>Full cure</b>	7 days
<b>Radiated PIM performance, IEC 62037-8, near field test, static, 700 MHz, 1900 MHz</b>	IM3 < -100 dBm with 2x 20W test tones
<b>Unsupported gap filling capability</b>	0.13 -inch max.
<b>RF Shielding, 1-10 GHz (1 coat, 15 mils)</b>	15 dB typical
<b>PIM reduction, (1 coat, 15 mils)</b>	>30 dB typical
<b>Flame Spread Index, ASTM E84</b>	5 (Class A)
<b>Smoke Developed Index, ASTM E84</b>	5 (Class A)
<b>pH</b>	8.5 – 9.5
<b>Application temperature</b>	>40°F (>5°C)
<b>Service temperature</b>	-40°F to +158°F (-40°C to +70°C)
<b>Storage</b>	Store in cool location. Protect from freezing.
<b>Shelf life (un-opened)</b>	1 year

### Ordering Information

Part Number	Description	Qty. Per Case	Case Weight (lbs.)	Case Dimensions (inches)
901088	PIM Seal™ PIM Mitigation Caulk, 10.5 oz tube	12	11.6	6.3 x 8.3 x 12

### Recommended Surfaces

- Steel
- Aluminum
- Wood
- Concrete Block
- Cement
- Concrete
- Brick
- Stucco
- Drywall
- Fiberglass



### Application

Standard 10 oz caulk gun

### Surface Preparation

All surfaces must be clean, free of dust, dirt, oil, grease, wax, polish, mold and mildew. Remove any loose and peeling paint, rust and all other foreign substances. Only apply to concrete and cement that is fully cured (30 days). Acid wash green concrete and cement with muriatic acid and thoroughly dry prior to applying caulk. Sand unpainted fiberglass jell coat to remove surface gloss prior to applying caulk.

### Clean-Up and Disposal

Clean tools using soap and warm water. Dispose of unused product in accordance with federal, state and local regulations.

### CAUTIONS

- **For professional use only**
- Keep out of reach of children
- Read Safety Datasheet (SDS) prior to use