



“FAQ



Vehicle Thermal Markers

Where should I put the marker on the vehicle?

The hood, roof, trunk, and lightbar are the best areas to place the marker. The contrast is better when the marker is facing the sky.

What is the emissivity of the Extreme markers?

Extreme film has emissivity of 30-40%.

How does it work without power supply?

The passive film needs no batteries or electricity to work. The film reflects the energy in its environment to the thermal camera. The camera sees the temperature difference and assigns a false color. The different colors represent the warm and cool temperatures and create a contrast. This is what your eyes see. Therefore, the thermal markers will "pop-out" on the camera for easy identification by the user.

How can I improve contrast?

1. Always have the marker facing the sky.
2. Adjust your thermal palette to white or black hot.
3. Do not rely on your AGC (Auto Gain Control).
4. Remove any debris or water from the marker.
5. Place the marker on the warmest part of the vehicle. Avoid placing near or on air conditioning ducts.

What type of camera do I use?

Thermal imaging device. This film is not detected with a Night Vision device. Ask us about Night Vision films for your NVD.

What is the best time of the day to use?

The marker works great all day, 24/7.

Vehicle Thermal Markers

Do buildings or trees impact the contrast?

Yes, they can. The energy from the building can reflect off the marker. This hinders contrast. Move to a new position where the building's energy is not reflecting off the marker for best results.

Does water damage the marker?

No. Water will distort the contrast but will not damage it. Wipe water off, let dry, and contrast will return.

What size? Custom?

14" x 20" Standard sizes. Yes, we do custom alphanumeric digits, logos, and symbols.

Who uses these markers?

Police, Sheriff, FBI, Secret Service, Border Patrol, SAR, SWAT, K9 and Surveillance operations.

How long does the marker last?

The Extreme marker will last up to 3 years.

How does weather affect the marker?

The contrast of the marker is visible in cloudy conditions. But clouds could diminish the contrast some. Change positions. In any conditions the thermal imager works, the marker will work also.

How does the marker adhere to the vehicle?

Magnet and Peel and Stick backings are available.

Can I buy it by the roll?

Yes, 2'x120' adhesive rolls are available. Call and ask about other options. Call for a custom quote: 443.292.8885

Contact info for pricing?

Call us for a custom quote. 443.292.8885
More info: www.ir.tools/product/thermal-markers/