



**IR.TOOLS™**  
IDENTIFICATION TECHNOLOGY

# Thermal Patches

## Reliable 24/7 in all Weather Conditions

Minimize dangers and challenges of friendly fire or search and rescue operations with these thermal patches. Thermal patches provide identification in all weather conditions and are reliable 24/7. Attach patch to helmet, shoulder, back, chest or gear for quick ID through smoke, sand and fog. Dark contrast of patch with surroundings helps to identify location and protect soldiers against “friendly” accidents. Excellent for both air to ground and ground to ground identification.

## Features

- For use with a Thermal imaging device (FLIR)
- No blooming allows thermal patch to appear as seen
- Sizes 4" x 4" or 4" x 8"
- Available with or without graphics
- Desert Tan, Green, Orange color films
- Durable Hook backing



No Graphic



Clear Coat Graphic



Custom Graphic



**THERMAL SPECIFICATIONS**

| Thermal Patch                                                   | 4" x 4"                                    | 4" x 8"           |
|-----------------------------------------------------------------|--------------------------------------------|-------------------|
| <b>Weight</b>                                                   | 7.5 g                                      | 15 g              |
| <b>Volume</b>                                                   | 2 in <sup>3</sup>                          | 4 in <sup>3</sup> |
| <b>Detection</b><br><small>(AN/PAS-13G LWTS or similar)</small> | 400 ft                                     | 600 ft            |
| <b>Front Film</b>                                               | No Power, Passive, Thermal                 |                   |
| <b>Back</b>                                                     | Hook                                       |                   |
| <b>Wavelengths Visible</b>                                      | 3μ-5μ (Mid Infrared) 8μ-12μ (Far Infrared) |                   |
| <b>Emissivity</b>                                               | 20%                                        |                   |
| <b>Gloss</b>                                                    | 50 GU                                      |                   |
| <b>Color</b>                                                    | Desert Tan, Orange, OD Green               |                   |

*100% Satisfaction Guarantee*



**Safety begins with Sand Storm**

- Resists water damage
- Resists sand and wind damage
- Resists all contaminations
- More visible and retro-reflective

