



IR.TOOLS™
IDENTIFICATION TECHNOLOGY

Fusion Patches

Choose IR, Thermal or Photo-luminescent in One Patch

The Fusion ID patch takes IR, Thermal, and Photo-luminescent technologies and combines any variation into one patch. The unique versatility of this patch and the options it provides protects against accidents in a covert or non-covert operation.

Depending on the operation, the Fusion patch is not limited for use with one imaging device therefore it is compatible with Night Vision, Thermal and or the naked eye.

IR.Tools™ will work closely with you to find the right combination to equip you with your security needs.

Feature

- Compatible with Night Vision, Thermal, and or Naked Eye
- Standard sizes: 2" x 3.5", 4" x 4", Custom available
- Thermal films colors: Desert Tan, Green, Orange Films
- Hybrid colors: Black, Blue, Tan, OD Green, Coyote, Multicam, AOR
- Durable Hook Backing



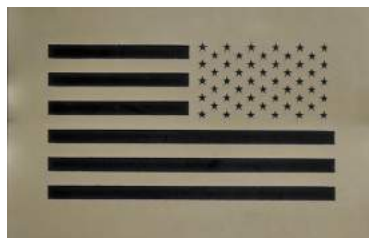
IR/Photo-luminescent



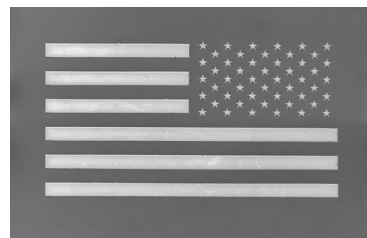
View with Night Vision



View with Naked Eye



IR/Thermal



View with Thermal device



FUSION PATCHES SPECIFICATIONS

Fusion Patch Characteristics	Rating*	Patch Region
Peel Strength-Hook Back to Reflective Patch	12 lb at STP	IR, Thermal, Photo-luminescent
Reflective Material	Micro prismatic reflective film	IR
Hook Back	A-A-55126, Type II, Class I, Black	IR, Thermal, Photo-luminescent
Weight	Approx 6 g	IR, Thermal, Photo-luminescent
Abrasion Resistance	Minimum 20 sec sandblast	IR, Photo-luminescent
Gloss	<50 GU @ 60°	IR, Thermal, Photo-luminescent
Identification Distance	30 m strongly dependent on patch design/graphic	IR, Thermal, Photo-luminescent
Detection Distance	750 m, depending on patch design/graphic and night vision device	IR
	200 m, depending on patch design/graphic and imager	Thermal
	depends on time and charge	Photo-luminescent
Retro Reflectance Units	≥ 70 cd/(1x.m²) at 0, 0 typical > 140	IR
Wavelength	.7 μ -3 μ (Near Infrared)	IR
	3 μ -5μ (Mid Infrared)	Thermal
	8 μ -12 μ (Far Infrared)	
Emissivity	20%	Thermal
Color	Black	IR
	Desert Tan, OD Green, Coyote Brown, Intl Orange	Thermal
Detection Angle	5°	IR
PL Visibility w/Naked Eye	20 min	Photo-luminescent
PL Visibility w/NVG (no illuminator needed)	4 hr	Photo-luminescent

100% Satisfaction Guarantee

