



IR.TOOLS™
IDENTIFICATION TECHNOLOGY

IR Patches

Protection While Working in the Dark

IR patches are used when a chase or raid in the dark requires identification to protect against unwanted casualties or injuries. The covert IR Field patch is used with a Night Vision device (NVG) and the IR Garrison patch protects against non-covert accidents. While both IR versions retro-reflect infrared energy, the Garrison patch reflects white light (flashlight, headlights) and glows to the naked eye. The Field patch absorbs the white light and is hidden from the naked eye.

Made with IR.Tools™ exclusive Sand Storm Technology™.

Features

- Hybrid(fabric) or Printed Styles
- For use with Night Vision devices (NVG's)
- Standard 2 x 3.5 and custom sizes
- Clean laser designs on Hybrid patches
- Durable hook backing



IR Field - Hybrid



IR Garrison - Hybrid



IR Field - Printed



IR Garrison - Printed



IR PATCH SPECIFICATIONS

IR Patch Characteristic	Rating*	Reference	Application
Peel Strength- Hook Back to Reflective Patch	<ul style="list-style-type: none"> Min 12 lb at STP Min 5 lb after 16hr water bath Min 5 lb after 16 hr 120° F bake Min 5lb after 16hr -40° F freeze 	Tested by Natick Soldier Research Center and an independent third party laboratory	All printed patches
Reflective Material	Micro prismatic reflective film	COC on file	All IR patches
Hook Back	A-A-55126, Type II, Class I, Black	COC on file	All IR patches with hook
Detection Distance	Minimum 300 m	Army Soldier Systems Center using PVS-14	¾" IFF tab
Detection Distance	Minimum 800 m	Self certified with PVS-14	All IR patches with 4sq" exposed glow material
Identification Distance	Typical 30 m strongly dependent on patch design/graphic	Self certified with PVS-14	All IR patches
Detection Distance	5°	¾" sq tested by Army Soldier Sys Center	All IR patches
Retro Reflectance	≥ 70 at 0, 0 typical > 140	Tested by independent third party lab	US flag tested, other similar patches
Gloss	<50GU @ 60°, <15GU @ 20°	Self certified using Novo Gloss Lite	Printed patches only
Weight	6g	Self certified	2" X 3.5" patches

100% Satisfaction Guarantee



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