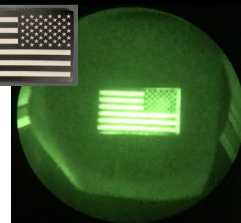




**COVERT IDENTIFICATION, SIGNALING,
AND COMMUNICATION**

Infinitely renewable persistent signal without the use of batteries or circuits. Visible through Night Vision Goggles (NVGs) for all low light/no light mission use cases.



PRODUCT DESCRIPTION

ColdFIRE is a photoluminescent material that emanates energy in the near infrared when fueled by an ambient UV source such as fluorescent lights or sunlight.

APPLICATIONS

ColdFIRE rechargeable photoluminescent infrared material has a wide variety of applications to include, but not limited to, identification of friend or foe, covert communication, personnel, and equipment marking, service dog identification at night, military or civilian patches and badges, or marking areas of interest like targets, landing zones, or danger areas. The most valuable aspect of ColdFIRE is the versatility to be applied to any applique such as tape, hook and loop fasteners, paint, glue, and engineer and marking tapes. Traditional reflective markings for night operations or activities function within the visible light spectrum and only work when ambient light is present. ColdFIRE functions in the near infrared spectrum and glows even in complete blackout conditions allowing the user to customize the application for his or her unique mission set. The use case scenarios are only limited by the creativity of the user.

CONSTRUCTION

Material	Patented Industrial Ceramic Material
Application	Films, plastics, paints, epoxy, coatings, etc.

PHYSICAL PROPERTIES

OPTICAL

IR Wavelength	Near Infrared (750-900nm)
NVG Compatibility	All generation II and III night vision systems
Duration/Charge	17+ hours continuous glow with 15-minutes of exposure to daylight

MECHANICAL (FOR US FLAG SHOULDER PATCH)

Height	1.75 Inches (44.45 mm)
Width	3.25 Inches (82.55 mm)
Depth	0.15 Inches (4 mm)
Weight	0.273 Ounces (7.75 Grams)
Surface	White and Black / Coyote Brown
Operation	Hook and Loop

ENVIRONMENTAL

Immersion	Waterproof
Operating Temperature	-17°c to 70°c



See ColdFIRE in action –
<https://youtu.be/XB4G3fGdsno>
<https://youtu.be/oWRLhzDz4YU>



U.S. Patent No. 11,473,012
U.S. Patent No. 11,655,414

Sales@BattleSightTech.com
601 E. 3rd Street
Dayton, OH 45402

www.BattleSightTech.com



937.260.4431
CAGE – 7XAX1
UEI – MCKJBK7C3H81