

## **Reshet Graf Ltd - Preventing Friendly fire casualties – SHOT show 2020**

The modern battlefield and training combat zones face a growing challenge to identify friendly forces, especially during night time operations and close quarter battle practices.

Reshet Graf's combat ID solution, based on passive technology offers a cost-effective tool for preventing the next fratricide.

Our products give a wide spectrum solution for IFF (Identification Friend or Foe) using night vision devices from image intensifiers through SWIR and thermal devices both MidIR and LongIR.

All products are made from infrared reflective materials, that can be customized in wavelength and color.

The identification is done by using infrared light or laser in specific wavelength that is reflected back from the IR patch or vehicle IR marker. The markers can only be recognized using night vision equipped with IR laser or IR light, and it stays covert at all other time.

In the case of thermal devices, the markers are made of thermal reflective material that intended to reflect sky's thermal energy which can get to -30 degrees Celsius on a clear day. The thermal markers will appear as a contrasting cold zone.

In the show we will present our new line of combat ID which allows multispectral Identification in one product.

The new ID marker infuses 2 passive technologies into 1 new material recently developed which allows Multispectral Identification using NVG and Thermal devices.

Reshet-Graf Ltd (established 1977), a family owned business specializes in developing and manufacturing of infrared ID solutions for night vision, SWIR and thermal devices, mainly personal and vehicular passive IFF combat ID.

Including Unpowered passive thermal targets for calibration, zeroing & training

All production stages are done in-house. Our products are combat-proven and are being used by the Israel Defense Forces, police, and special units throughout Europe.

Our products have already been exported to 20 countries, and have been applauded for their contribution to training and identification for battle.

Reshet Graf is among the few companies that operate both in the field of raw materials as well as final product production, which allows flexibility in customization for our clients.