

# Passive Thermal Targets

## CATALOG

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Passive, no power calibration and shooting targets for thermal sights, made from a unique material that has natural thermal contrast - suitable for any weather for outdoor use.

Supplied with or without adhesive backing including repair patches for "hot" and "cold" zones.

All targets can be customize in size and details.

The targets can be used both in 3-5 & 8-12 micron devices, including NVG sights.

made in Israel



# Passive Thermal Targets

## Figures



**Full man M16**  
116x48 cm (46x19")

TRG-FMM16



**Full man M16 RP**  
116x48 cm (46x19")

TRG-FMM16R



**Full man AK47**  
116x48 cm (46x19")

TRG-FMAK47



**Full man AK47R**  
116x48 cm

TRG-FMAK47R



**Half man M16**  
56x48 cm (22x19")

TRG-HMM16



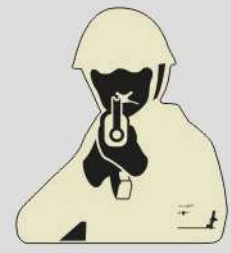
**Half man AK47**  
56x48 cm (22x19")

TRG-HMAK47



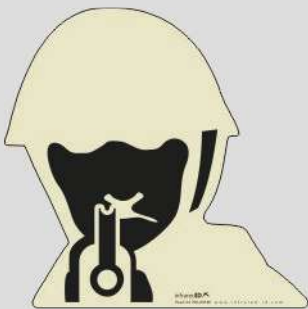
**TReal half Man01**  
72x48 cm (28x19")

TRG-TRHM01/CO  
\*More targets available



**Laying front IDF**  
43x48 cm (17x19")

cut out shape  
TRG-IDFS02  
NSN -6920-31-018-4573



**Head & Rifle IDF**

27x27 cm (11x11")  
cut out shape  
TRG-IDFH01  
NSN -6920-31-018-4575



**Head 04**

20.5x14.5 cm (8x6")  
cut out shape  
TRG-HEADCO04



**Pistole**

18.5x13 cm (7x5")  
cut out shape  
TRG-GUNC01

All targets can be custom made by: size, color, silhouette, and reversed polarity. Supplied with adhesive or PET backing .

\*CO = cut out option

Repair patches for shot hole available on p. 5



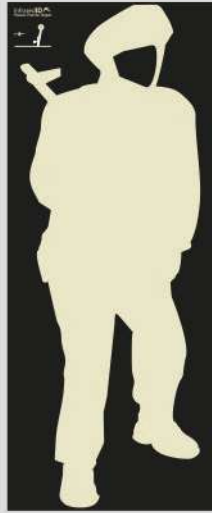
# Passive Thermal Targets

## Figures



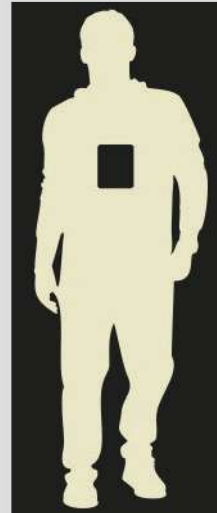
**Full man-11**  
116x47.5 cm(46x19")

TRG-FMF11



**Insurgent**  
116x47.5 cm (46x19")

TRG-INSRGNT1



**Full man unarmed**  
116x47.5 cm (46x19")

TRG-FMUA1

**Sleeve Target**



**Sleeve E-type AK47**  
100x50 cm (39x20")  
for SIT & MIT systems  
TRG-ETYPE-AK47B-SLV



**Man & Machine gun**  
65x47.5 cm (25x19")  
TRG-MGUN10



**'E' Type**  
100x48 cm (39x19")  
TRG-ETYPE01 / CO



**Anti tank pair RP**  
150x90 cm (59x35")  
TRG-RPGP1 RP



**Anti tank pair**  
150x90 cm (59x35")  
TRG-RPGP1



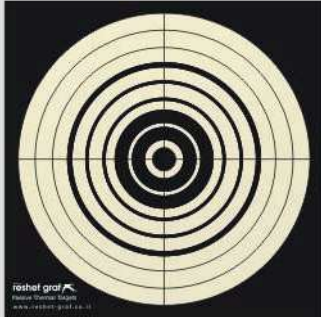
**Mortar pair**  
150x90 cm (59x35")  
TRG-MPL01  
90x48 cm (35x19")  
TRG-MPS01

\*accurate sizes are in cm



# Passive Thermal Targets

## Zeroing and Calibration



**Bulls eye 48**  
48x48 cm (19x19")  
TRG-BULLS48

\*available in custom sizes

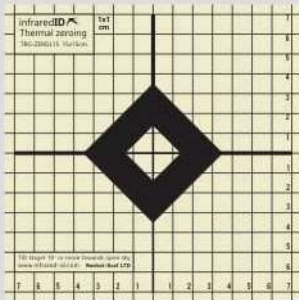


**Bulls eye 20**  
20x20 cm (8x8")  
TRG-BULLS20



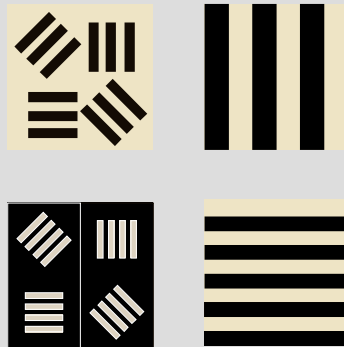
**Zeroing 25**  
10x10 cm (4x4")  
TRG-ZERO25R

\*available with custom charts



**Large Zeroing**  
15x15 cm (6x6")  
TRG-ZEROL15

\*available with custom charts

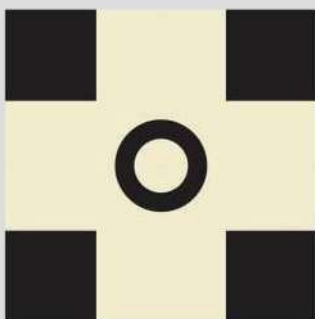


**Custom Resolution  
& Calibration targets**



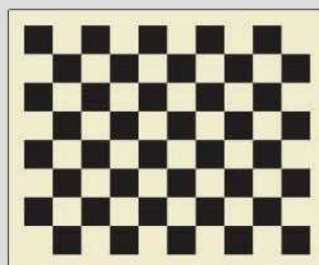
**Cross Cal 02**  
95x95 cm (37x37")  
TRG-CROSS02

\*custom sizes/chart



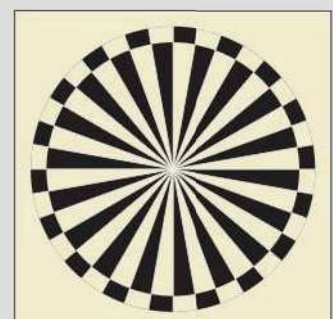
**Long range zeroing**  
95x95 cm (37x37")  
TRG-LONGZIDF

\*available with custom spec.



**Stereo calibration**  
100x80 cm (37x32")  
TRG-IRSTRCALN

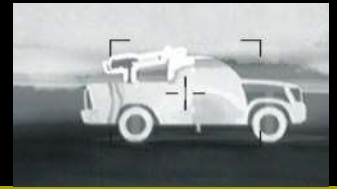
\*available with custom spec.



**Stereo calibration circle**  
95x95 cm (37x37")  
TRG-IRSTRCALCRCLN

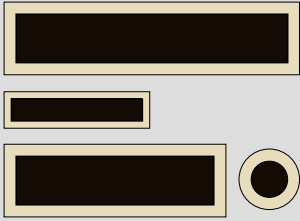
\*available with custom spec.

\*accurate sizes are in cm



# Passive Thermal Targets

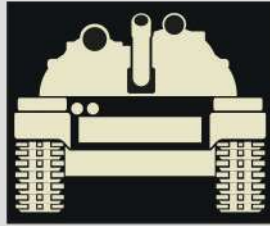
## Vehicles



### Vehicle flank parts

- TSET01** 2.44x0.6m (2'x8')
- TSET02** 1.2x0.3m (1'x4')
- TSET03** 1.83x0.6m (2'x6')
- TSET05** wheel 0.5m (20")

\*Custom size available



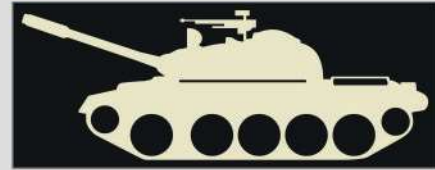
### T55 Front

180x150 cm (71x59")  
TRG-T55FS01

### T55 Front large

270x225 cm (106x89")  
TRG-T55FL01

\*Reverse polarity available

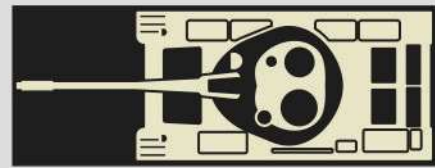


### T55 Side

460x180 cm (181x71")  
TRG-T55SL01

### T55 Side small

230x90 cm (90x35")  
TRG-T55SS01



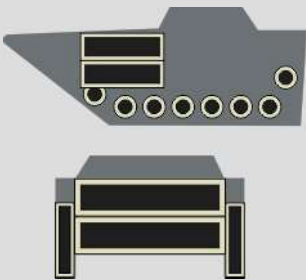
### T55 Top

460x180 cm (181x71")  
TRG-T55TL01

### T55 Top small

180x90 cm (71x35")  
TRG-T55TS01

### Vehicle flanks custom sets



### T72 Turret

200x90cm (79x35")  
TRG-T72TRT

### Turret large

200x180 cm (79x71")  
TRG-TRTL01



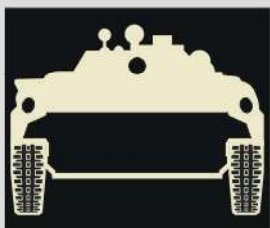
### Toyota front

190x180 cm (75x71")  
TRG-TOYOTAFL  
100x90 cm (40x35")  
TRG-TOYOTAFS



### Toyota side

460x180 cm (181x71")  
TRG-TOYOTAL  
200x90 cm (79x35")  
TRG-TOYOTAS



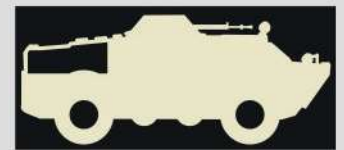
### BMP1 Front

180x150 cm (71x59")  
TRG-BMP1FS01



### BRDM Front

180x150 cm (71x59")  
TRG-BRDMFS01  
110x90 cm (44x35")  
TRG-BRDMFS02

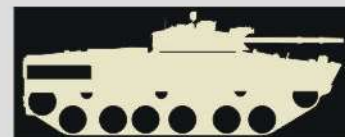


### BRDM side

460x180 cm (181x71")  
TRG-BRDML  
200x90 cm (79x35")  
TRG-BRDMS

Vehicle targets can be supplied in pieces with adhesive backing or as banners on flexible roll.

Also available on demand any custom tank or vehicle, up to 1:1 real size, including ThermaReal. Vehicles: T72, BMP, Bradley, Trucks, Tank parts, Turrets, Hinds and any custom silhouette.



### BMP 3 side

530x180 cm (208x71")  
TRG-BMP3L

### BMP3 side small

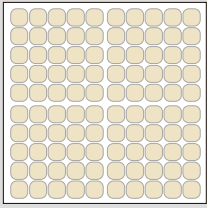
200x90 cm (79x35")  
TRG-BMP3S

\*accurate sizes are in cm



# Passive Thermal Targets

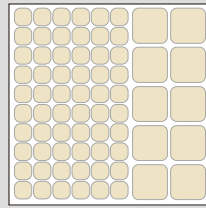
## Repair patches - adhesive stickers for shot holes



**Cold kit A**

100 pcs 2x2 cm )"0.8(

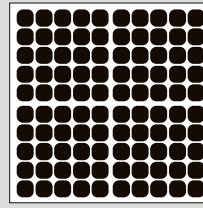
TRG-COLDKITA



**Cold kit B**

60 pcs 2x2)"0.8(  
+10 4x4 cm )"1.6(

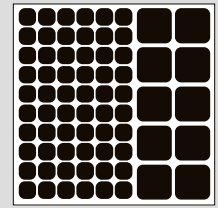
TRG-COLDKITB



**Hot kit A**

100 pcs 2x2 cm )"0.8(

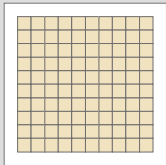
TRG-HOTKITA



**Hot kit B**

60 pcs 2x2 )"0.8(  
+10 4x4 cm )"1.6(

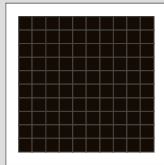
TRG-HOTKITB



**Cold kit Mini**

100 pcs 1x1 cm )"0.4(

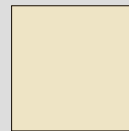
TRG-COLD-M



**Hot kit Mini**

100 pcs 1x1 cm )"0.4(

TRG-HOT-M



**Cold kit Large 16**

18 pcs 16x16 cm )"6.3(

TRG-COLD-L16



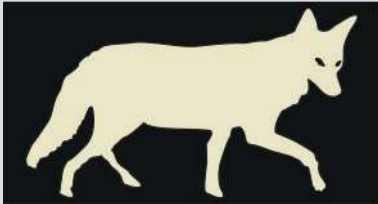
**Hot kit Large 16**

18 pcs 16x16 cm )"6.3(

TRG-HOT-L16

## Wild hunting

\*more silhouettes available on demand

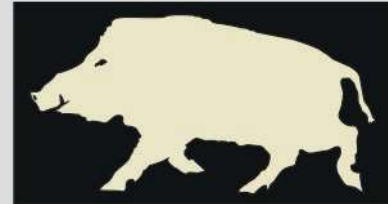


**Coyote**

90x48 cm (35x19")

**Coyote small**

61x30 cm (24x12")



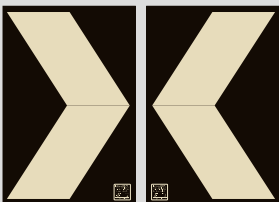
**Wild Hog**

90x48 cm (35x19")

**Wild Hog small**

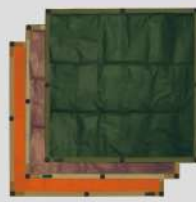
61x30 cm (24x12")

## Thermal ID



**Boundary markers**

100x150 cm  
TRG-BNDRSET



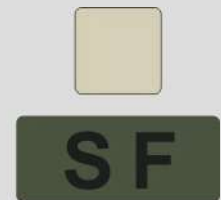
**Thermal combat ID Panels**

50x50 cm 100x100 cm  
NSN: 2590-01-531-6337



**Thermal combat ID Triangular magnet/sticker**

\*custom size, shape & color



**Thermal combat ID velcro Patches & IR patches**

\*custom size, shape & color

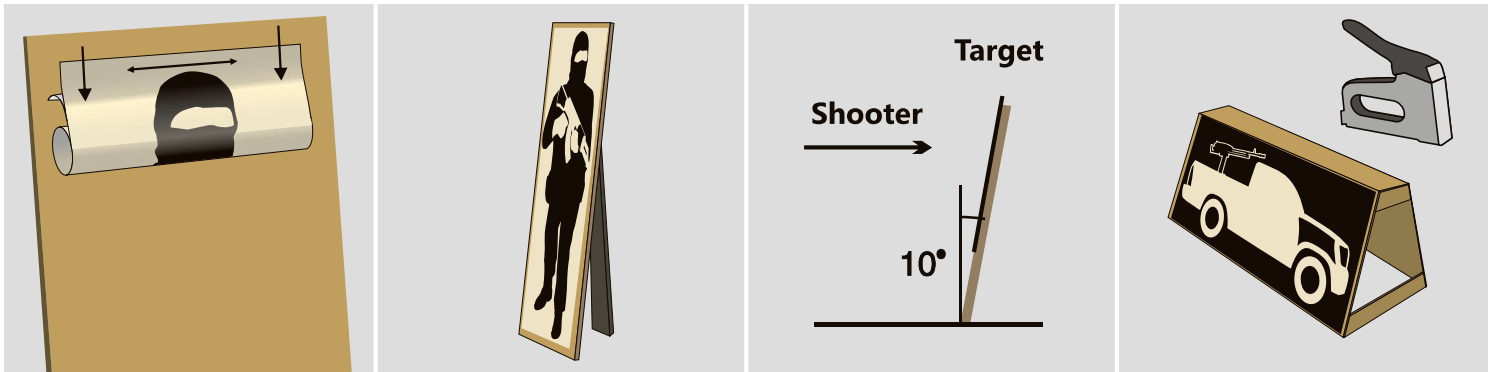


# Passive Thermal Targets

## Usage

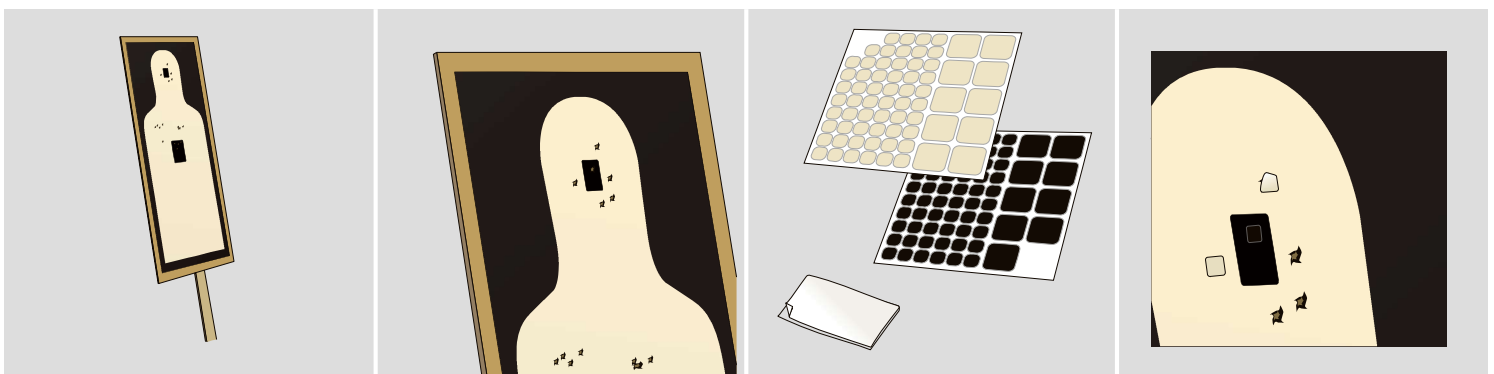
### Installation

1. Peel off the self adhesive backing and stick to a clean, flat target base, alternatively staple to a wood or card board.
2. When sticking large targets, start by peeling off just 10-20 cm backing from top, then position and stick first the top, and slowly remove and stick the rest.
3. Slope the target base about 10 degrees backwards, to make sure the target reflects the sky.
4. Avoid any high heat source near the targets ( that are in the thermal sight filed of view ).



### Repairing - Hot / Cold kit

1. Straighten and clean the shot hole with a cloth.
2. Make sure the repair area is dry.
2. Take a repair patch sticker according to the hole location.
3. Place and press firmly to stick.



### Maintenance

1. Clean with a lightly wet or dry soft cloth.
2. Don't use detergents or soap.
3. Avoid bending or folding the targets, for storage roll the target.
4. Store in a dry cool place.

## infraredID®



Infrared ID a subdivision of Reshet-Graf Ltd ( 1977 ), develops and manufactures combat ID solutions for NVG, image intensifiers and thermal devices.

We specialize in custom products of passive IFF combat ID for personal and vehicles. A wide line of combat proven ID products. Among our clients Israeli police & army special forces and many other US & European army units.

As manufacturers and developers of both raw materials and targets we can tailor make any customize target solution including short runs and dedicated application needs.



Toyota small, Full and Half figure targets from 1350 m.



ThermaReal Figure target

Reshet Graf Ltd's Passive Thermal Targets requires no power, batteries, or cables to operate. The targets are made from a thermal reflective material that has natural thermal contrast properties.

The Targets provide a clear thermal image by using reflected thermal energy and thermal contrasting print. The thermal contrast effect is immediate ( in contrast to powered targets that need time to heat up ) , and the targets works night and day, in all weather conditions. Since the targets are unpowered, training exercises will not be interrupted by dead batteries or unexpected severed cables due to shooting damage.

Targets can be easily placed in remote areas. No need for batteries, mains or portable power supply. Passive thermal targets provide a more detailed image than conventional heated targets . Custom shapes can be achieved to simulate different types of targets resulting in a more realistic shooting exercise.

The targets can be used with all types of surveillance devices and target acquisition (STA) systems including image intensifiers and thermal imagers.