IntelliParticle Thermal Targets Data Sheet

Materials

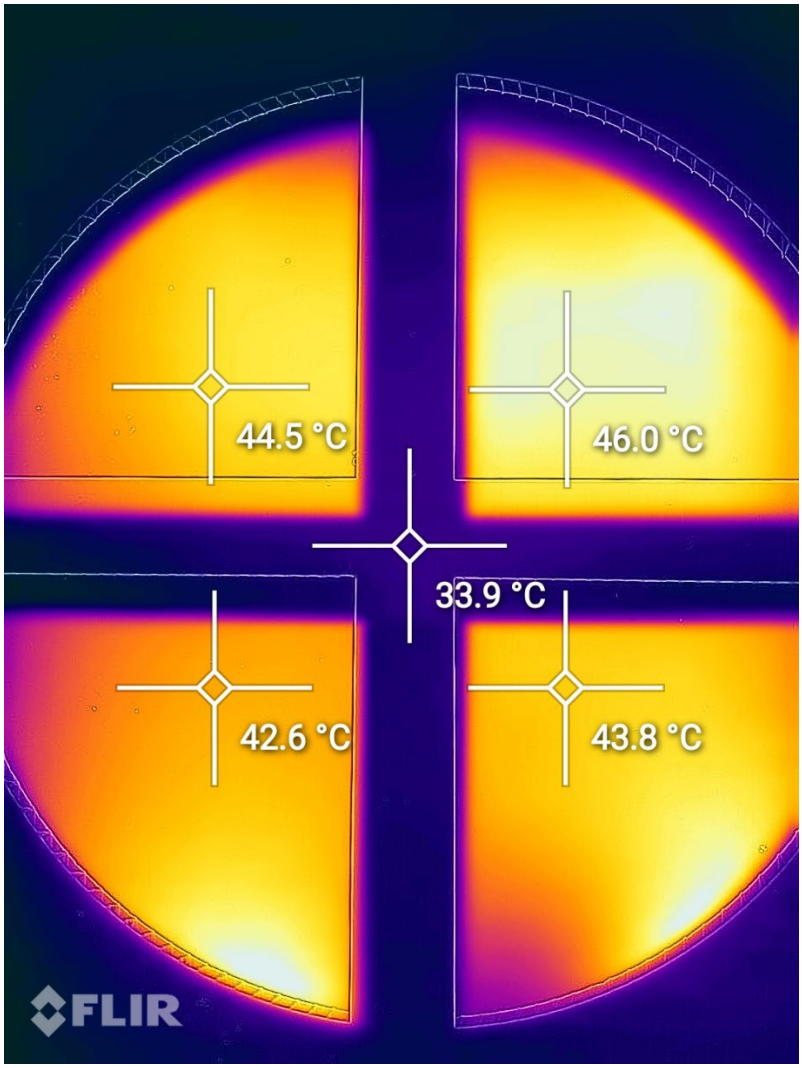
IntelliParticle thermal targets are made of two sheets of corrugated polypropylene (corflute), each measuring 420 mm x 300 mm. One sheet serves as the substrate for the heating element, while the other functions as a customizable target overlay. The heating element is fabricated by first applying copper electrodes along the widths of a single corflute panel. Subsequently, proprietary IntelliParticle heat paint is applied to this electrode-lined surface. Electrical connections are established at the corners of the painted sheet via wire leads. The heated panel is adhered to the second corflute sheet, which features customizable silhouettes. This configuration allows for the creation of thermal targets with specific target faces while maintaining a standardized heating element structure.

Sniper target part number ST101

Electrothermic Performance

Voltage	12.0 V
Current	2.05 A
Resistance	5.85 Ω
Power	24.6 W
Thermal Runtime	1 hour
Average Heated Surface Temperature	Approximately 40°C

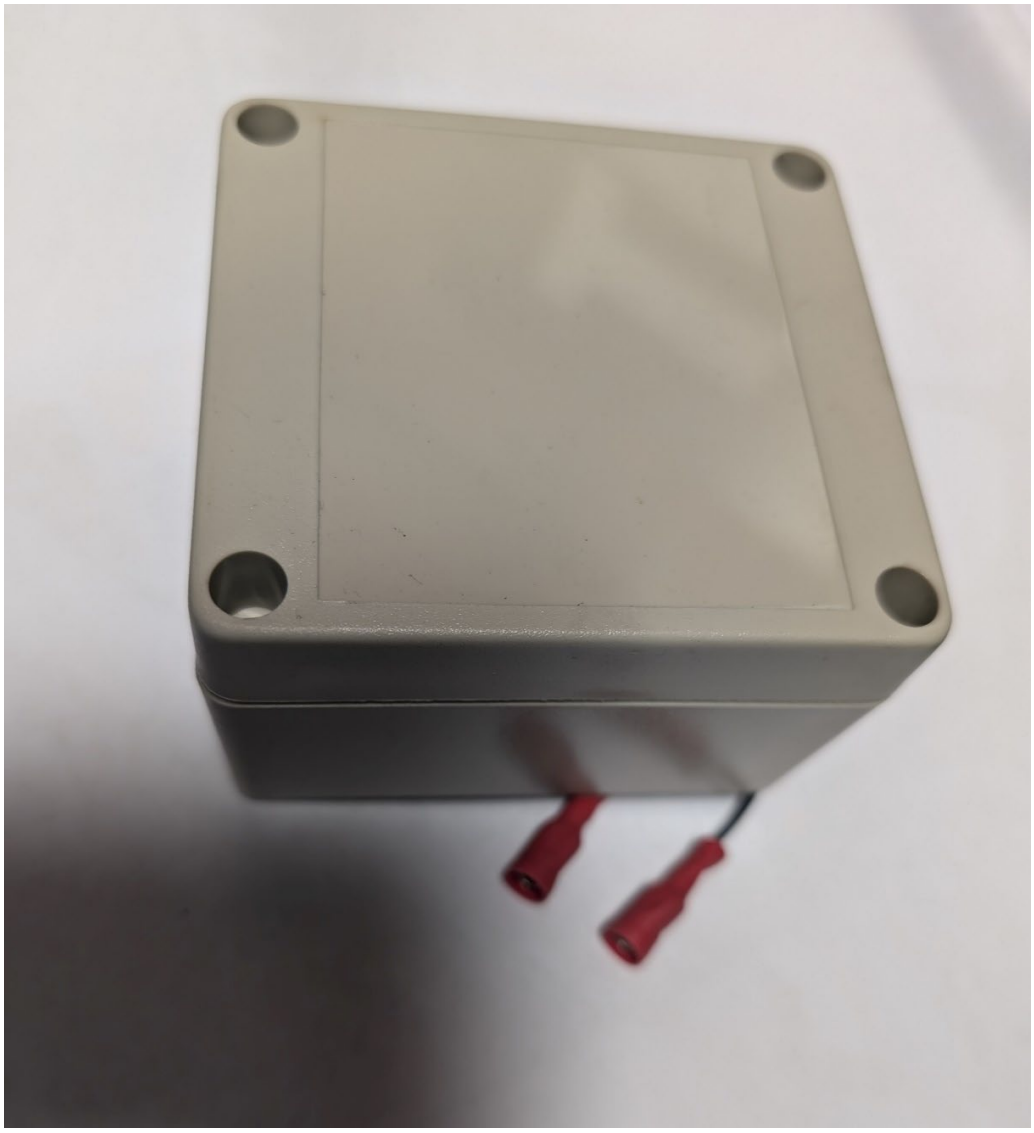
Thermal Image of Target



Description:

- White corflute face is suspended above the actively heated panel, creating a unique thermal crosshair target

Sniper Target Battery Box Part Number STBB 101



Description:

- Battery pack is waterproof
- IP65
- 8 AA batteries

** Battery output optimized is 2.80A. however the resistance only draws 2.05A