

RADIANT BARRIER BLANKET

Solutions for Energy Efficiency



The HDT Radiant Barrier Blanket TempShield® is an expeditionary shelter accessory that creates an additional thermal barrier, increasing the shelter's insulation factor. This increased efficiency reduces the energy needed to heat or cool a shelter.

Significant fuel savings can be realized when HDT's energy efficiency products are integrated at the system level. HDT has a complete Energy Efficient family of products, that can be integrated together to maximize efficiencies.

HDT energy efficient product family consists of:

- Radiant Barrier
- AirBeam® Shelters
- Base-X® Shelters
- SHC – self powered heater
- Nordic EEECU
- BOS – Power Management System
- Solar arrays – rigid and flexible
- Shade fly
- Ready Fold Flooring
- Battery storage kits
- LED lights

Designed to work with the HDT's AirBeam or Base-X Shelters, the HDT Radiant Barrier Blanket is installed between the shelter inner liner fabric and the shelter canopy. No additional tools are required for installation, and once it is installed, the Radiant Barrier Blanket remains in place even during the shelter strike process.

The Radiant Barrier Blanket provides a superior radiant/ insulative retardant for conductive, convective and radiant heat transfer and retards vapor diffusion through the shelter walls. Constructed with non-toxic and non-carcinogenic materials, the Radiant Barrier Blanket is puncture and tear resistant and does not promote the growth of fungi or bacteria.

KEY FEATURES

- Reduces ECU run time by up to 75%
- Reduces heater run time by up to 57%
- Tested and approved to ASTM D 6413 (Flame Resistance) Mil-Spec
- Lightweight, easy to install
- Integrates seamlessly during installation, no change in procedures or operations, no tools required
- Provides year-round benefits
- Creates an added R-Value
- Affordable with a quick return on investment
- Tested by an independent 3rd party
- Proven in theater for several deployments

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RADIANT BARRIER BLANKET TEMPShield® SPECIFICATIONS

Fits Shelter Size	HDT Part #	Ordering Info NSN	On GSA	Weight	Pack Size (L x W x H)	Pack Volume
103	60103-3RB			55 lbs 25.0 kg	63" x 13" x 27" 160 x 33 x 69 cm	12.8 ft ³ 0.4 m ³
105	60105-3RB			67 lbs 30.5 kg	63" x 16" x 30" 160 x 41 x 76 cm	17.5 ft ³ 0.5 m ³
203	60203-3RB			68 lbs 30.9 kg	63" x 17" x 30" 160 x 43 x 76 cm	18.6 ft ³ 0.5 m ³
205	60205-3RB			80 lbs 36.4 kg	63" x 20" x 33" 160 x 51 x 84 cm	24.1 ft ³ 0.7 m ³
303	60303-3RB		X	75 lbs 34.1 kg	55" x 24" x 32" 140 x 61 x 81 cm	24.4 ft ³ 0.7 m ³
305	60305-3RB		X	110 lbs 50.0 kg	63" x 35" x 23.5" 160 x 89 x 60 cm	30.0 ft ³ 0.8 m ³
307	60307-3RB		X	138 lbs 62.7 kg	63" x 39.5" x 28.5" 160 x 100 x 72 cm	41.0 ft ³ 1.2 m ³
505	60505-3RB			140 lbs 63.6 kg	60" x 36" x 38" 152 x 91 x 97 cm	47.5 ft ³ 1.3 m ³
6D31	606D31-3RB			149 lbs 67.7 kg	60" x 43" x 28" 152 x 109 x 71 cm	41.8 ft ³ 1.2 m ³
8D36	608D36-3RB		X	151 lbs 68.6 kg	64" x 36" x 43" 163 x 91 x 109 cm	57.3 ft ³ 1.6 m ³
BOOTS						
End to end	61B001RB		X	5 lbs 2.3 kg	42" x 23" x 4" 107 x 58 x 10 cm	2.2 ft ³ 0.1 m ³
Side to side	61B002RB		X	7 lbs 3.2 kg	42" x 23" x 9" 107 x 58 x 23 cm	5.0 ft ³ 0.1 m ³
End to side	61B003RB			6 lbs 2.7 kg	42" x 23" x 5" 107 x 58 x 13 cm	2.8 ft ³ 0.1 m ³
Open end						
200	61B20ERB		X			
300	61B30ERB		X	10 lbs 4.5 kg	42" x 23" x 4.5" 107 x 58 x 11 cm	2.5 ft ³ 0.1 m ³
300 – Dome	61B20ERB		X			



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