

## Winterized liner kit for frame tent

### Overview

This is based on the UNHCR standard tent winterization kit, but with only the following components:

1. Winterized liner with Partition
2. Flooring

Packed in a bag showing the IOM logo, the manufacturer name, batch number and date.

### Specifications

Item code	3500000062
Unit weight	N/A

### Description

#### Winterization Liner

This inner liner for the standard Family Tent is recommended to improve the insulation against the cold. This inner liner is designed to fit together, in particular to the attachment points of the liner, and the heater flue pipe protection. This inner liner includes an inner partition.

#### Material

- Material weight: 130 g/m<sup>2</sup> ±10% in finished state except fire retardant weight.
- Tensile strength: ISO 13934-1, warp and weft 300N minimum.
- Tear strength: ISO 9073-4, warp and weft 20N minimum.
- Colour: yellow, beige, cream or sand.
- Fire retardant: pass the CPAI84 Chapter 6.
- User's health safety: The materials and additives used in the kit should be non-toxic for human use, free from asbestos and other toxic products, according to the EC regulations.

#### Design

The inner liner must be made from one fold of breathable, rotproof and fire retardant canvas in order to hang inside the inner tent, to cover the roof and the four walls down to ground level, plus 40cm on the ground if used with the Standard Family Tent.

#### Dimensions / Size

All dimensions to fit the inner dimensions of the standard Family Tent. Centre height: 2.5m, width: 3.8m, wall height: 1.65m, base length: 3.8m.

#### Packaging

- If supplied individually, packed in a strong waterproof plastic bag.
- Indicate product name on the outer package with indelible marking.
- If supplied within the winterization kit, no individual package is required.

## Features

- The inner liner has 24 pairs of canvas strings to attach to the original loops of the inner tent.
- Both ends are made in a curtain shape that opens in the middle with a 600mm overlap.
- Inside the inner liner, in the center, five loops allow attaching the inner partition.
- One inner partition is supplied with the inner liner, made with the same fire retardant canvas as the inner liner. This partition is of the same design as the original partition of the tent.
- At the ridge, four openings of 150mm closing with Velcro allow accessing to the three hooks and to the pocket of the tent. These are positioned at the level of the 2nd, 3rd, 6th and 7th ridge attachment points.
- The inner liner has 4 windows, of reduced size compared to the long windows of the tent, and closing with zipper. These windows are 300mm x 800mm, horizontally oriented, with 2 round corners at the top, the flaps opening downwards (one zipper per window runs on left, top and right sides). These windows allow accessing the original windows of the tent, thus are placed in the centre of each section of the tent sides, in front of the actual inner tent windows.
- There are four pockets of 400mm x 300mm, one under each window, for storage of goods.
- At one end, the inner liner has a patch made of fire proof material of 450mm x 800mm, vertically oriented, lower edge positioned at 300mm above the ground.

## Insulating Floor Mat

Insulating mat for use as a protection against the cold from the ground in the standard Family Tent, or in any other floor in cold situation.

This insulating mat is open at one end to allow filling with local material that may form a basic mattress.

Normally 5 per tent. Note this item can be bulky for transport.

## Design

The insulating mat is an assembling of three layers:

- First layer, on the ground-side, a plastic mat, double weave.
- Second layer, an aluminized canvas, aluminium face upward.
- Third layer, on upper-side, a fleece blanket.

## Material

### First layer - Plastic mat

Plastic floor mat made in a tightly woven twill structure, double thickness (2/1, 3/1, 2/2, 3/2) Virgin polypropylene (PP) multi-filament 500 deniers in warp and virgin polypropylene (PP) hollow tube in weft, not containing any filler.

- Fire retardant to pass CPAI84/5
- Tight woven, with minimum 1000 tubes per meter length
- Weight: 500g/m<sup>2</sup> minimum
- Colour: Any colour
- No. of mats: 5 pieces per one unit of Family Tent

### Second layer - Aluminized canvas

Strong synthetic canvas with durable aluminium coating, soft and noiseless, fire retardant to pass CPAI84/5.

### Third layer - Fleece blanket

Refer to our standard synthetic blanket specification, medium Thermal, PLUS fire retardant to pass CPAI84/5.

### User's Health Safety

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The materials and additives used in the kit should be non-toxic for human use, free from asbestos and other toxic products, according to the EC regulations.

### Assembling

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The assembling is done with a heavy-duty ribbon strongly stitched all around the mat. The second and third layer are also stitched together, lengthwise in the center, and crosswise in 3 lines equally spaced. At one end, the mat is open on the whole width, to allow accessing in between the plastic mat and the aluminized canvas.

This opening closes with a fold like a pillowcase closing system.

A pair of strong laces is sewn to the mat at one end in the center, to secure the mat when rolled up for transport or storage.

### Dimensions/Size

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Dimensions: 1.8m x 0.9m

### Packaging

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If supplied individually, the mat is rolled and wrapped in a protective outer sheet, such as PP woven canvas, and strapped. Indicate product name on the outer package with indelible marking. If supplied within the winterization kit, no individual packing is required.

## Other Entries in this Topic

- [Emergency Relief Items Catalogue](#)

## Contacts

For further information, contact the shelter team at HQ at [sheltersupport@iom.int](mailto:sheltersupport@iom.int).

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