Humanitarian Supplies Catalogue
Welcome to Osman Consulting's humanitarian supplies catalogue!

I always believe that humanitarian actors must deliver the right items, to the right people, at the right time, in the right quantity and quality, which reflects the rights based approach, adopted by humanitarian actors.

This emergency items catalogue is inspired by the above belief and approach. Its aim is to contribute to standardisation and harmonisation in the selection and procurement of relief items during emergency operations. As e.g. the IFRC state: “standardisation improves quality assurance, communication and reporting, and also helps prevent inappropriate donations”.

Osman Consulting was started in 2006 with the aim of ensuring quality humanitarian response. Today, Osman Consulting is a strong organisation with its main base in the UK, but operating globally. We focus on all aspects of disaster management with our main services in: training, research, project management, and supplies.

This catalogue lists over twenty standard commodities with product specification details for each item. The catalogue provides information and assistance for humanitarian staff in Governments, donors, logistics personnel and others involved in emergency operations. We deliver quality products that meet the Minimum Standards of humanitarian organisations, such as the Sphere Project, all within the shortest possible time. Our customers are our preferred means of introduction.

Looking forward to working with you, for the sake of better aid response, for disaster affected people's dignity!

Kind Regards,

Moustafa Osman
Founder Director

Company Profile

Osman Consulting is a social enterprise providing technical expertise and consultancy to humanitarian actors. Osman Consulting was founded in the UK in 2006 by Moustafa Osman, a humanitarian relief and development professional with over 20 years of disaster management experience in over 60 countries. Osman Consulting takes a holistic approach to meeting your professional needs and addressing the challenges you face. We are driven by principles of fairness and ethics, not profit. We work through our network of skilled and multi-disciplinary professionals who are now part of the Osman Consulting team.

Our service areas focus on:

(1) Humanitarian training and capacity building;
(2) Humanitarian research;
(3) Humanitarian supplies;
(4) Humanitarian operational management.

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Dual Vestibules Family Tent
UNHCR / ICRC / IFRC Standard

General Description
The Dual Vestibules Family Tent complies with UNHCR / ICRC / IFRC standards. It is suitable for a family of 5, following the recommended minimum living area in hot and tropical climates and it provides additional space for colder weather.

This family tent has 16 m² main floor area plus two 3.5 m² vestibules for a total area of 23 m², double fold and includes a ground sheet. This type of tent is fit to use in all climates, with appropriate outdoor durability.

Technical Specification

Material

Outer Tent Roof Canvas
Poly-Cotton: (Polyester / Cotton blended fibers yarns). Cotton: 40% (±10%), Polyester: 60% (±10%) = Polyester: 50% to 70%, with balance in cotton. 350 g/m² (±15%) in finished state.

Outer Tent Wall Canvas
Poly-Cotton: (Polyester / Cotton blended fibers yarns). Cotton: 40% (±10%), Polyester: 60% (±10%) = Polyester: 50% to 70%, with balance in cotton. 200 g/m² (±10%) in finished state.

Inner Tent Canvas
Poly-Cotton: Polyester / Cotton blended fibers yarns. Cotton: 40% (±10%), Polyester: 60% (±10%) = Polyester: 50% to 70%, balance in cotton or Cotton 100%. 130 g/m² (±10%) in finished state.

Polyethylene (PE) Fabric for the Mud Flaps
Woven high density polyethylene (HDPE) black fibers fabric laminated on both sides with low density polyethylene (LDPE) coating 180 g/m² (±5%).

Polyethylene (PE) Fabric for the Ground Sheet
Woven high density polyethylene (HDPE) black fibers fabric laminated on both sides with low density polyethylene (LDPE) coating 180 g/m² (±5%).

Dimensions

Outer Tent / Erecting System
Centre height: 2.2 m
Width: 4 m
Ridge length: 4 m
Side wall height: 1.25 m
Door height: 1.4 m
Centre base length: 6.5 m

Outer Tent Doors
Size: 1.3 m width x 1.4 m high
Door flaps are 1.4 m width x 1.6 m high:
- Upper part 1.4 m width x 0.9 m high is made of canvas
- Lower part 1.4 m width x 0.7 m high is made of woven polyethylene (PE) fabric.

Inner Partition
One partition running from either side of the centre pole to the side walls, constructed from 2 half-partitions, stitched together at the top. The partition is attached to the loops on the inner tent at the roof and wall levels with 8 pairs of string, and to the centre pole with 1 pair of string.

The partition can be maintained open with 2 additional pairs of string.

Frame
Each section should be fitted together by a male/ female joint of 100 mm made with an inserted pipe point-welded or crimped into one of the pipes.

Ridge Beam
4 m long, with minimum outer diameter 30 mm painted steel pipe, minimum 1.2 mm wall thickness, in 2 pieces or 4 pieces depending on type of packaging.

Upright Poles
2 upright poles of 2200 mm each (end plug included), with minimum outer diameter 25 mm painted steel pipe minimum 1.2 mm wall thickness, comes in one piece or in two pieces depending on the type of packaging. 1 central upright pole of 2170 m each (size without U-bracket), with minimum outer diameter 30 mm painted steel pipe minimum 1.2 mm wall thickness, comes in one piece or in two pieces depending of the type of packaging. This pole comes with a U-shaped metal bracket of 30 mm long. The base of the 2 upright poles have a round plastic base plate of 50 mm diameter

Side Poles
6 side poles of 1.25 m with minimum outer diameter, 19 mm painted pipes minimum 1 mm wall thickness, in one piece or in two pieces depending on the type of packaging.

Each pole comes with a bended 20 to 30 mm pin on top in form of a flat hook. 4 door poles of 1.4 m with minimum outer diameter 19 mm painted steel pipes minimum 1 mm wall thickness, in one piece or in two pieces depending of the type of packaging. The 4 door poles come with a 50 mm pin at the top.
**Colour**
Outer Shell and Outer Tent Wall: Natural
Inner Tent: Natural

**Ground Sheet**
The integrated ground sheet is made of polyethylene (PE) woven fabric. The seam that attaches the ground sheet to the sides of the inner tent is 200 mm above the floor. To avoid water infiltration, no stitching seams are allowed in the groundsheet. All seams to be welded by heat sealing and have a 25 mm overlap. A reinforcement patch of 150 x 150 mm of the same material in the centre of the ground sheet to be glued or sealed, to avoid the centre pole damaging the ground sheet.

**Mud Flap**
The mud flaps are equipped with 22 eyelets (7 on each side including corners, 2 on each vestibule side), placed on a line reinforced with a full length 50 mm webbing sewn to the mud flap at floor level, on the inside. Stitch length and thread to be appropriate for the materials to prevent tearing of the mud flap along the stitching.

**Chimney**
A chimney reinforcement with a non-perforated opening is placed at 0.5 m from one corner, on one end of the tent, between the corner of one side wall and the corner of one tent door. This is made of heat resistant fabric (minimum 900°C). It is the type of fabric that keeps the fibers tight when cut. The lower edge of the opening is 500 mm above the ground, where the canvas joins the polyethylene (PE) part.

Inside dimensions: 250 mm width x 650 mm high. The chimney flap is 350 mm wide x 750 mm high. The flap is stitched at the bottom at the lower edge of the chimney opening. The flap is held by 25 mm Velcro webbing which is placed along the entire vertical sides and upper end at a 25 mm distance from the chimney opening.

The tent fabric is cut away completely at the position of the chimney opening. The edges of the chimney opening are hemmed stitched to the inside.

**Windows**
The outer tent has 2 long windows with mosquito netting and a rain flap running on both sides of the tent. The inside dimensions of the windows are 3600 mm wide and 300 mm high and the top edge of the window is placed 100 mm below the roof of the tent. The window openings are reinforced with standard netting and strips of 20 mm poly-cotton webbing that reinforce the window horizontally (1 webbing) and vertically (7 webbings). These webbings are sewn to the edges of the tent opening and to the mosquito netting. The window flap is 3960 mm wide x 400 mm high. The flap is stitched 50 mm above the top of the window. The flap is held by 25 mm Velcro webbing which is placed along the length of the vertical sides and bottom and at a 25 mm distance from the window opening. Loops and plastic toggles or hooks are used to keep the flap open when it is rolled up.

**Ventilators**
The outer tent has 2 ventilation openings in front and back with reinforcement netting and a rain flap. These vents are triangular and are placed at the top of both vestibules. The inside dimensions of the vents are 250 mm wide and 300 mm high.

The vent flaps are made in such a way that they are distanced from the ventilation opening when open, making a V2 cone shape of 250 mm in its middle. The flap can be closed with a 25 mm Velcro attached to the full width. The vent openings are reinforced with standard netting and with two strips of 20 mm cotton or polyester webbing that bisects the vent horizontally and vertically. These webbings are sewn to the edges of the vent opening and to the netting.

**Accessories**
One tent with all accessories packed into a master bundle. Other required accessories including assembling instruction, content list and repair kit included.

**Marking / Logo**
Customized to your requirements.

**Packing**
Content per Tent: Tent + Inner Tent + Accessories in one bale
Weight per Tent: 55 Kg (approx)
Volume per Tent: 225 x 26 x 28 cm / 0.163 cbm (approx)

**No. of Tents per Pallet**

**Option 1**
8 tents per cage dimension of 8 tents on cage: 232 x 87 x 112 cm / 2.26 cbm approx.
Finished weight of 8 tents on cage: 458 kg approx. (weight of 8 tents + weight of cage).

**Option 2**
15 tents per cage dimension of 15 tents on cage: 230 x 131 x 113 cm / 3.40 cbm.
Finished weight of 15 tents on cage: 850 kg approx (weight of 15 tents + weight of cage).

**Estimated Shipping / Container Information**
20' GP container: 14 cages x 8 = 112 tents (with cage)
40' GP container: 28 cages x 8 = 224 tents (with cage)
40' HC container: 28 cages x 8 = 224 tents (with cage)
160 Pieces per 20' GP container (without cage)
340 Pieces per 40' GP container (without cage)
400 Pieces per 40' HC container (without cage)
General Description
This Framed Tent complies to UNHCR / ICRC / IFRC standards. It is suitable for a family of 5, following the recommended minimum living area in hot and temperate climates (3.5 m² per person), and providing additional space for cold climates.

This self-standing frame tent allows easy set up on hard surface, offers more inner volume, and requires fewer surfaces for erection, as compared to the standard Family Tent. Nevertheless, to assure a good wind resistance, the tent needs to be securely anchored to the ground with the provided guy ropes and pegs.

The symmetric flaps offer the possibility to join 2 tents together lengthwise to create larger units.

Technical Specification
Materials
Outer Tent Canvas
Poly-Cotton (Polyester and cotton blended fibre yarns.) Cotton: 40% (±10%), Polyester: 60% (±10%) i.e., 50 to 70% polyester, with balance in cotton. 350 g/m² (±15%) in finished state.

Inner Tent Canvas
Poly-Cotton (Polyester and cotton blended fibres yarns) Cotton: 40% (±10), Polyester: 60% (±10) i.e., 50 to 70% polyester with balance in cotton or cotton 100%. 130 g/m² (±10%) in finished state.

Mud Flap Polyethylene (PE) Fabric
Woven, high density polyethylene (HDPE) black fibres, fabric laminated on both sides with low density polyethylene (LDPE) coating. 180 g/m² (±5%).

PE Fabric for the Ground Sheet
Woven polyethylene fabric, coated on both sides with low density polyethylene (LDPE). 180 g/m² (±5%).

Dimensions
Outer Tent / Erecting System
Centre height: 2.4 m
Width: 4.15 m
Ridge length: 4 m
Side wall height: 1.50 m
Door height: 1.6 m
Centre base length: 5.2 m

Outer Tent Doors
Front Door
Size: 1.5 m width x 1.5 m high
Door flaps are 1.5 m width x 1.6 m high
- Upper part 1.5 m width x 1.08 m high is made of canvas.
- Lower part 1.5 m width x 0.52 m high is made of woven polyethylene (PE) fabric.

Rear Door
Size: 1.0 m width x 2.1 m high
Door flaps are 1.0 m width x 2.1 m high
- Upper part 1.0 m width x 1.58 m high is made of canvas.
- Lower part 1.0 m width x 0.52 m high is made of woven polyethylene (PE) fabric.

Inner Partition
One inner partition made of the same material as the inner tent. The partition runs from one side wall to the opposite side wall, in order to divide the inner tent in two equal parts. It is made with 2 pieces of semi-partition. These partitions are attached to the inner lining loops at roof and wall levels, and to the centre pole.

Frame
All frame parts are made of 25 x 1.2 mm thick galvanized or painted steel pipe. The male fittings of the cross pieces are to be minimum 8 cm long.

Each section should fit together with a male and female 80 mm joint, made with a 160 mm long inserted pipe point-welded or crimped into one of the pipes (not to be made with press-reduced pipe diameter).

Support Poles
- 2 support central poles of 239 cm each (size without U-bracket), with minimum outer diameter 25 mm galvanized or painted steel pipe minimum 1.2 mm wall thickness, comes in two pieces. This pole comes with U-shape metal bracket of 30 mm long.
- The base of each pole to have a metal or plastic base plate of 50mm diameter.
- The poles protrude the inner tent at polyvinyl chloride (PVC) reinforced positions on the ridge.

Colour
Outer Tent: Natural white
Inner Tent: Dyed sand or cream color
Ground Sheet
The integrated ground sheet is made of polyethylene (PE) woven fabric. The seam that attaches the ground sheet to the sides of the inner tent is 200 mm above the floor. To avoid water infiltration no stitching seams are allowed in the ground sheet. All seams to be welded by heat sealing and have a 25 mm overlap.

Mud Flap
The mud flaps are equipped with 12 eyelets (2 on each side, 4 in front and 4 rear), placed on a line reinforced with a full length 50 mm webbing sewn to the mud flap at floor level, on the inside. Stitch length and thread to be appropriate for the materials to prevent tear off of the mud flap along the stitching.

Chimney
A chimney reinforcement with non perforated opening is placed at side wall, between the corner and the window. This is made of heat resistant fabric (minimum 900°C). The type of fabric that keeps the fibres not loose when cut.

The lower edge of the heat-resistant fabric must be 500 mm above the ground, where the canvas joins the polyethylene (PE) part (a band of canvas of 2 to 3 cm is allowed between the polyethylene (PE) and the fireproof material).

Inside dimensions: 250 mm width x 600 mm height. The chimney flap outside is 350 mm wide x 700 mm high. The flap is stitched at the bottom 50 mm under the lower edge of the chimney opening. The flap is held by 25 mm velcro webbing which is placed along the entire vertical sides and upper end at a 25 mm distance from the chimney opening.

The tent fabric is cut away completely at the position of the chimney opening. The edges of the chimney opening are hemmed stitched to the inside.

Windows
The outer tent has 6 windows. 5 with mosquito netting and a rain flap running on both sides of the tent and one on the back side. 1 small window with transparent polyethylene (PE) fabric on the vestibule. The inside dimension of the large windows are 80 cm wide and 45 cm high and the top edge of the window is placed ± 30 cm below the roof of the tent.

The 5 window openings are reinforced either with strong reinforcement netting (large holes strong plastic net) or with standard netting and strips of 20 mm polycotton webbing that reinforce the window horizontally (1 webbing) and vertically (1 webbing). These webbings are sewn to the edges of the tent opening and to the mosquito netting.

The window flap is 90 cm wide x 55 cm high. The flap is held by 25 mm velcro webbing which is placed along the length of the vertical sides and bottom and at a 25 mm distance from the window opening. Loops and plastic toggles or hooks are used to keep the flap open when rolled up.

Ventilators
The outer tent has 2 ventilation openings in front and back with reinforcement netting and a rain flap. Front vent is triangular and is placed on the top of the vestibule. The inside dimensions of the vent are 280 mm wide and 250 mm high. The vent flap is made in such a way that they are distanced from the ventilation opening when open, making a ½ cone shape of 250 mm in its middle. The flap can be closed with a 25 mm Velcro attached to the full width.

The back ventilation opening is rectangular and placed on top of the wall, size 300 x 300 mm. The vent openings are reinforced either with strong reinforcement netting (large holes strong plastic net), or with standard netting and with two strips of 20 mm cotton or polyester webbing that bisect the vent horizontally and vertically. These webbings are sewn to the edges of the vent opening and to the netting.

Accessories
One tent with all accessories packed into a master bundle. Other required accessories including assembly instruction, content list and repair kit included.

Marking / Logo
Customized to your requirements.

Packing

Estimated Shipping / Container Information
4 x 4 m with cages

<table>
<thead>
<tr>
<th>Container Type</th>
<th>Cages</th>
<th>Tents per cage</th>
<th>Total PCS</th>
</tr>
</thead>
<tbody>
<tr>
<td>40' DC</td>
<td>18</td>
<td>15</td>
<td>270</td>
</tr>
<tr>
<td>40' HC</td>
<td>18</td>
<td>15</td>
<td>270</td>
</tr>
<tr>
<td>20' GP</td>
<td>8</td>
<td>15</td>
<td>120</td>
</tr>
</tbody>
</table>

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Tents

DFID Type Tent
DFID Standard

General Description
DFID Tent is made of both waterproof and rot proof canvas. This tent accommodates small to medium size families and is adaptable to all weather conditions.

Technical Specification

Material

Outer Tent
320 g/m² cotton / polyester blend waterproof and rot proof fabric.

Inner Tent
Two folds, outer fold of 320 g/m² cotton / polyester blend waterproof and rot proof fabric, inner fold of 170 g/m² cotton fabric.

Colour
Outer Tent: Natural and green
Inner Tent: Yellow
Outer Fold: Natural and green
Inner Fold: Yellow

Dimensions
Usable Floor Area: 16 m²
Central Height: 2.15 m
Wall Height: 0.90 m
Ridge Length: 4 m

Frame
Standing and ridge poles of 48 mm dia.

Ground Sheet
Tieable bathtub ground sheet of Polyethylene (PE) fabric.

Windows
4 with easily operable flap covers.

Accessories
All required resistant tools and accessories including a hammer, steel pegs and assembly instructions.

Marking / Logo
Customized to your requirements.

Packing
Content per Tent: Tent + Inner Tent + Accessories in one bundle
Weight per Tent: 85 kg (approx)
Volume per Tent: 230 x 40 x 25 cm / 0.23 cbm (approx)
Quantity per cage: 12
Weight per cage: 1050 kg (approx)
Volume per cage: 232x117x113 / 3.067 cbm (approx)

Estimated Shipping / Container Information

With cage
120 Pieces per 20' GP container
240 Pieces per 40' GP container
240 Pieces per 40' HC container

Without cage
115 Pieces per 20' GP container
270 Pieces per 40' GP container
300 Pieces per 40' HC container
**General Description**
The Multipurpose PVC - 42 m² Tent that can be used for schooling, medical, storage or temporary shelter purposes.

**Technical Specification**

**Size**
- 42 m² and 7 x 6 m (±2%)
- Central height outer tent: 2.95 m (±2%)
- Central height outer tent: 2.40 m (±2%)
- Wall height inner tent: 1.95 m (±2%)

**Material**

**Outer Tent**
570 g/m², PVC coated fabric waterproof 5000 mm. Fire retardant CPAI, rot proof and durable.

**Inner Tent**
150 g/m², polyester / cotton blend fabric. Fire retardant CPAI.

**Ground Sheets of Tents**
Sewed in bathtub ground sheet of 320 g/m², PVC coated fabric waterproof 5000 mm. Fire retardant CPAI, rot proof and durable.

**Make Up of Ground Sheet**
Double stitched to inner tent, the stitching of the ground sheet to the tent is about 10-20 cm above the ground.

**Colour**
- Outer Tent: Natural White
- Inner Tent: Natural White
- Ground Sheet: Light Grey

**Seams**
All seams are double stitched and main roof seams are welded.

**Main Frame**
- 46 Frame pipes, silver color made out of aluminum, diameter 36.9 mm and thickness 2.00 mm.
- 15 Frame connectors, silver color, made out of steel, diameter 42 mm and thickness 2 mm.
- 14 Frame connectors with base plates, silver color made out of steel, diameter 42 mm and thickness 2 mm. Base plate size 10 x 10 cm, thickness 2 mm.
- 5 Hanging connectors, silver color made out of steel, diameter 8 mm, shape: 2 hooks on each end.

**Door**
2 in each tent i.e. one on each gable end side. 120 x 200 cm (H) ± 2 cm. doors are closed by means of Velcro.

**Windows**
- 8 long sidewalls, with reinforcement of PVC stripes on the mesh.
  Size of windows: 90 x 110 cm (±2 cm).
- 4 short sidewalls, with reinforcement of PVC stripes on mesh.
  Size of windows: 85 x 100 cm (±2 cm).

**Accessories**
All required tools and accessories including 12 pegs, made of twisted steel, diameter 12 mm, length 40 cm. 1 hammer of 2 kg weight.
Repairing kit consists of a 1/2 square meter of PVC coated fabric, double side sticking tape 2 m, 2 pieces of needles and 20 meters of sewing thread.
Detailed assembly instructions are included with sequential picture.

**Black Board Hanging**
Not required.

**Divider**
Not required.

**Marking / Logo**
Customized to your requirements.

**Packing**

**Content per Tent**
- Package A: 1 roof, 4 walls panels, 1 inner tent, ropes length 4m x 10 pieces, ropes length 4.5 m x 4 pieces, rope length 6.5 m x 2 pieces and assembly instruction.
- Package B: 42 frame pipes, 22 wall connectors, 15 frame connectors, 68 pegs, 5 hanging connectors, 1 hammer, 10 base plates, repairing kit and assembly instruction.

**Weight per Tent**
- Package A: 156 kg (approx)
- Package B: 136 kg (approx)
- Total: 292 kg (approx)

**Volume per Tent**
- Package A: 110 x 94 x 52 cm / 0.538 cbm (approx)
- Package B: 220 x 46 x 37 cm / 0.425 cbm (approx)
- Total: 0.963 cbm (approx)

**Estimated Shipping / Container Information**

**Without Pallet**
- 28 Pieces per 20’ GP container (without pallet)
- 56 Pieces per 40’ GP container (without pallet)
- 56 Pieces per 40’ HC container (without pallet)
Tents

Multipurpose PVC - 72 m² Tent
UNCHCR Standard

General Description
The Multipurpose PVC - 72 m² Tent that can be used for schooling, medical, storage or temporary shelter purposes.

Technical Specification
Size
72 m² (12 x 6 meters (± 2%))
Central height outer tent: 2.95 (± 2%)
Central height inner tent: 2.40m (± 2%)
Wall height outer tent: 2.10 m (± 2%)
Wall height inner tent: 1.95m (± 2%)

Material
Outer Tent
570 g/m², PVC coated fabric waterproof 5000 mm. Fire retardant CPAI, rot proof and durable.

Inner Tent
150 g/m², polyester / cotton blend fabric. Fire retardant CPAI.

Ground Sheets of Tents
Sewed in bathtub ground sheet of 320 g/m², PVC coated fabric waterproof 5000 mm. Fire retardant CPAI, rot proof and durable.

Make Up of Ground Sheet
Double stitched to inner tent, the stitching of the ground sheet to the tent is about 10-20 cm above the ground.

Colour
Outer Tent: Natural White
Inner Tent: Natural White
Ground Sheet: Light Grey

Seams
All seams are double stitched and main roof seams are welded.

Main Frame
64 Frame pipes, silver color made out of aluminum, diameter 36.9 mm and thickness 2 mm.
21 Frame connectors, silver color, made out of steel, diameter 42 mm and thickness 2 mm.
18 Frame connectors with base plates, silver color made out of steel, diameter 42 mm and thickness 2 mm. Base plate size 10 x 10 cm, thickness 2 mm.
7 Hanging connectors, silver color made out of steel, diameter 8 mm, Shape: 2 hooks on each end.

Door
2 in each tent i.e. one on each gable end side. 120 x 200 cm (H) ± 2 cm. doors are closed by means of velcro.

Windows
- 12 long sidewalls, with reinforcement of PVC stripes on the mesh.
Size of windows: 105 x 110 cm (± 2 cm).
- 4 short sidewalls, with reinforcement of PVC stripes on mesh.
Size of windows: 85 x 100 cm (± 2 cm).

Accessories
All required resistant tools and accessories including 16 pegs, made of twisted steel, diameter 12 mm, length 40 cm. 1 hammer of 2 kg weight.
Repairing kit consists of a 1/2 m² of PVC fabric, double side sticking tape 2 m, 2 pieces of needles and 20 m of sewing thread.
Detailed assembly instructions are included with sequential picture.

Black Board Hanging
2 loops are provided for the black board hanging on each gable end side.

Divider
Made of 190 g/m² polyethylene (PE) fabric. White.

Marking / Logo
Customized to your requirements.

Packing
Content per Tent
Package A: 1 roof, 4 walls panels, and assembly instruction.
Package B: 1 inner tent and assembly instruction.
Package C: 62+2 frame pipes and assembly instruction.
Package D: 39 frame connectors, 16 pegs, 7 hanging connectors, 1 hammer, repairing kit and assembly instruction.

Weight per Tent
Package A: 144 kg (approx)
Package B: 83 kgs (approx)
Package C: 124 kg (approx)
Package D: 80 kg (approx)
Total: 431 kg (approx)

Volume per Tent
Package A: 110 x 94 x 57 cm / 0.589 cbm (approx)
Package B: 110 x 94 x 38 cm / 0.393 cbm (approx)
Package C: 220 x 46 x 46 cm / 0.466 cbm (approx)
Package D: 110 x 46 x 53 cm / 0.268 cbm (approx)
Total: 1.716 cbm (approx)

Estimated Shipping / Container Information
Without Pallet
16 Pieces per 20’ GP container
32 Pieces per 40’ GP container
32 Pieces per 40’ HC container
Double Fly - Single Fold

General Description
Atlantis™ Tent is made of both waterproof and rot proof fabric. This tent accommodates small to medium size families and is adaptable to all weather conditions.

Technical Specification
Material
- **Outer Tent Fabric**: 320g/m² cotton/polyester blend waterproof and rot proof fabric.
- **Inner Tent Fabric**: Two folds, outer fold of 320g/m² cotton/polyester blend waterproof and rot proof fabric, inner fold of 170g/m² cotton fabric.
- **Ground Sheet, Polyethylene (PE) Fabric**: Tieable bathtub ground sheet of Polyethylene (PE) fabric.

Dimensions
- **Tents**
  - Usable Floor Area: 16.00m²
  - Center Height: 2.15m
  - Wall Height: 0.90m
  - Ridge Length: 4.00m

- **Frame**
  - Standing and ridge poles of 48mm in diameter.

Color
- **Outer Tent**: Natural white or green
- **Inner Tent**: Yellow
- **Inner Fold**: Natural white or green
- **Inner Fold**: Yellow

Tent Parts
Windows
- 4 windows with easy-to-use flap covers.

Accessories
All required resistant tools and accessories including a hammer, steel pegs and assembly instructions.

Marketing/Logo
Customized to your requirements.

Packing Information
- **Content per Tent**
  - Tent
  - Inner Tent
  - Accessories
- All are packed in one bundle

Shipping Information
- **Weight per Tent**
  - 85kg (approx.)
- **Volume per Tent**
  - 230 x 40 x 25 cm / 0.23 cbm (approx.)
- **Quantity per Cage**
  - 12 Tents
- **Weight per Cage**
  - 1050 kg (approx.)
- **Volume per Cage**
  - 232 x 117 x 113cm / 3.067 cbm (approx.)

Estimated Loadability
- **With Cage**
  - 20’ GP Container: 10 Cages, 120 Tents
  - 40’ GP Container: 20 Cages, 240 Tents
  - 40’ HC Container: 20 Cages, 240 Tents
- **Without Cage**
  - 20’ GP Container: 115 Tents
  - 40’ GP Container: 270 Tents
  - 40’ HC Container: 300 Tents
**Centre Pole Tent**

**General Description**
The Baba 16TM Tent is an excellent option for shelter situations and/or regions that require high-walled tents with 2 entrances. This is a two-fold tent.

**Technical Specification**

**Material**
- **Outer Roof Fabric**: 320g/m² cotton/polyester blend waterproof and rot proof fabric.
- **Inner Fold Sheeting Fabric**: 200g/m² cotton/polyester blend waterproof and rot proof fabric.
- **Outer Fold Wall Fabric**: 120g/m² cotton/polyester blend fabric, dyed.

**Dimensions**
- **Tent Size**: 4.00m x 4.00m
- **Floor Area**: 16.00m²
- **Center Height**: 2.45m
- **Wall Height**: 1.75m

**Color**
- **Outer Fold**: Natural white
- **Inner Fold**: Yellow

**Tent Parts**
- **Doors**: 2 doors (1 front door and 1 back door)
- **Windows**: 2 windows
- **Poles**: 12 side poles and 1 center pole
- **Accessories**: All required tools and accessories including hammer, pegs, guy ropes, etc.

**Marking/Logo**
Customized to your requirements.

**Packing Information**
One complete tent with all accessories in one rolled bale and wrapped in propylene sheet.

**Shipping Information**
- **Dimensions (L x W x H)**: 200 x 30 x 30 / 0.18 cbm
- **Gross Weight**: 54kg (approx)

**Estimated Loadability**
- **With Pallet**: N/A
- **Without Pallet**:
  - 20' GP container: 140 Tents
  - 40' GP container: 340 Tents
  - 40' HC container: 400 Tents
Light Weight Emergency Tent
UNHCR Standard

General Description
A lightweight tent for rapid, easy deployment in the case of an emergency response. Built to the high standards of the UNHCR, the tent has outer and inner portions for maximum durability and comfort including a groundsheet with high stitching to keep moisture at bay. Package includes all necessary equipment.

Technical Specification

Dimensions
Usable Floor Area: 16.50 m²
Length x Width: 5.50 x 3.00 m
Central Height: 2.10 m
Wall Height: Tunnel Shaped

Frame
5 full lengths fibreglass poles and 1 complete spare, 15.10 mm diameter.

Outer Shell
170 g/m² waterproof / rot proof and UV stabilized polyester fabric.

Inner Tent
Made of breathable material from a blend of polyester and cotton, basic weight of 120 to 130 g/m².

Color
White and Blue

Accessories
All required tools and accessories for ready use. Hammer, steel pegs and assembly instruction.

Ground Sheet
Sewed in bathtub ground sheet of PE, blue color. Double stitched to inner Tent. The stitching of the ground sheet to the inner tent is about 20 cm above the ground.

Seams
All seams are double stitched and and treated with anti – leak / anti – seepage water sealant / tape.

Windows
4 with easily operable flap covers.

Ventilators
4

Marking / Logo
Customized to your requirements.

Packing
Tent + Inner Tent + Accessories in one bale

Dimensions / Volume Per Bale
90 x 35 x 35 cm / 0.11 cbm (approx).

Weight Per Bale
38 kg (approx).
Blankets

Medium Thermal Blanket
UNHCR / ICRC / IFRC Standard

General Description
A blanket with 2.5 Thermal Resistance of Garments (TOG) is the minimum for outdoor use. Blankets with 2.5 TOG are also appropriate for indoor use without artificial heat. Medium Thermal blankets are recommended in hot or mildly cold temperatures.

Technical Specification

Material
The medium synthetic blankets are made of virgin fibers from polyester.

Make
Knitted, dry raised both sides.

Content
ISO C1833 on dry weight – 100% virgin polyester.

Size
150 x 200 cm (+3% / -1%). To be taken on flat stabilized sample, without folds.

Weight
350 to 670 g/m², determined by total weight / total surface.

Thick:ness
ISO 5084: 3 mm minimum (1KPa on 2000 mm).

Tensile Strength
ISO 13934-1: 250N warp and weft minimum.

Tensile Strength Loss After Washing
ISO 13934-1 and ISO 6330: Maximum 5% warp and weft after 3 consecutive machine washes at 30°C and one flat drying.

Shrinkage: Maximum
ISO 6330: Maximum 5% warp and weft after 3 consecutive machine washes at 30°C and one flat drying.

Weight Loss After Washing
Maximum 5% after 3 consecutive machine washes at 30°C and one flat drying.

Thermal Resistance
ISO 5085-1: TOG 2.5 (or 0.25 m² K/W) minimum, rounded to the nearest 0.1, passed on samples picked from compressed bales after 3 consecutive machine washes at 30°C and one flat drying.

Resistance to Air Flow
ISO 9237 under 100Pa pressure drop: Maximum 1000 L/m² / s.

Finish
Whipped seam at 10 mm from the edge with 10 to 13 stitches / 10 cm or stitched ribbon or hemmed on 4 sides.

Organoleptic Test
No bad smell, not irritating to the skin, no dust. 4<pH<9. Free from harmful VOC (Volatile Organic Components). Fit for human use.

Fire Resistance
ISO 12952 - 1 and 2: Resistance to cigarette. No ignition.
ISO 12952 - 3 and 4: Resistance to flame. No ignition.

Important Requirement Regarding Laboratory Testing Conditions
Specification under the normal textile test conditioning ISO 139, 65% moisture and 20°C for 24 hours.

Colour
Grey or other colors upon request.

Marking / Logo:
Customized to your requirements.

Packing

Pieces per Bale: 20
Volume per Bale: 79 x 53 x 47 cm. / 0.196 cbm (approx)
Weight per Bale: 26 kg (approx)
Bale per Pallet: 4
Weight per Pallet: 119 kg (approx)
Volume per Pallet: 79 x 53 x 115 cm. / 0.48 cbm (approx)

Estimated Shipping / Container Information

With Pallets
40’ DC, 46 Pallets, 4 Bales per Pallet, 20 pcs. per Bale, 80 pcs per Pallet, 3,680 PCS / 40’ DC.
40’ HC, 46 Pallet, 4 Bales per Pallet, 20 pcs per Bale, 80 pcs per Pallet, 3,680 PCS / 40’ HC.
20’ GP, 22 Pallets, 4 Bales per Pallet, 20 PCS per Bale, 80 pcs per Pallet, 1,760 PCS / 20’ GP.

Without Pallets
40’ DC, 20 pcs per Bale, 280 Bales = 5,600 PCS / 40’ DC
40’ HC, 20 pcs per Bale, 320 Bales = 6,400 PCS / 40’ HC
20’ GP, 20 pcs per Bale, 140 Bales = 2,800 PCS / 20’ GP
High Thermal Blanket
UNHCR / ICRC / IFRC Standard

**General Description**
A blanket with 4.0 Thermal Resistance of Garments (TOG) is the minimum for indoor use and cold climates.

When considering outdoor use of blankets where there is no wind in a 10°C Temperature the TOG requirement is also 4.0.

**Technical Specification**

**Material**
The high synthetic blankets are made of virgin fibers from polyester.

**Make**
Knitted, dry raised both sides.

**Content**
ISO 1833 on dry weight. 100% virgin polyester.

**Size**
150 x 200 cm (+ 3% / - 1%). To be taken on flat stabilized sample, without folds.

**Weight**
500 to 850 g/m² weight determined by total weight / total surface.

**Thickness**
ISO 5084, 5 mm minimum (1KPa on 2000 mm²).

**Tensile Strength**
ISO 13934-1, 250N warp and weft minimum.

**Tensile Strength Loss After Washing**
ISO 13934-1 and ISO 6330: Maximum 5% warp and weft after 3 consecutive machine washes at 30°C and one flat drying.

**Shrinkage**
Maximum ISO 6330: Maximum 5% warp and weft after 3 consecutive machine washing at 30°C and one flat drying.

**Weight Loss After Washing**
Maximum 5% after 3 consecutive machine washing at 30°C and one flat drying.

**Thermal Resistance**
ISO 5085-1: TOG 4 (or 0.4m² K/W) minimum, rounded to the nearest 0.1, passed on samples picked from compressed bales after 3 consecutive machine washes at 30°C and one flat drying.

**Resistance to Air Flow**
ISO 9237 under 100Pa pressure drop: Maximum 1000 L/m²/s.

**Finish**
Whipped seam at 10 mm from the edge with 10 to 13 stitches / 10 cm or stitched ribbon or hemmed on 4 sides.

**Organoletic Test**
No bad smell, not irritating to the skin, no dust. 4 <pH <9. Free from harmful VOC (Volatile Organic Components). Fit for human use.

**Fire Resistance**
ISO 12952 - 1 and 2: Resistance to cigarette. No ignition.
ISO 12952 - 3 and 4: Resistance to flame. No ignition.

**Important Requirement Regarding Laboratory Testing Conditions**
Specification under the normal textile test conditioning ISO 139, 65% moisture and 20°C for 24 hours.

**Colour**
Grey or other colors upon request.

**Marking / Logo**
Customized to your requirements.

**Packing**

<table>
<thead>
<tr>
<th>Pieces per Bale</th>
<th>Volume per Bale</th>
<th>Weight per Bale</th>
<th>Bale per Pallet</th>
<th>Weight per Pallet</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>80 x 53 x 50 cm</td>
<td>27.5 kg</td>
<td>4</td>
<td>211 kg</td>
</tr>
</tbody>
</table>

**Estimated Shipping / Container Information**

**With Pallets**
40’ DC, 46 Pallets, 4 Bales per Pallet, 15 pcs per Bale, 60 pcs per Pallet, 2,760 pcs / 40’ DC.
40’ HC, 46 Pallets, 4 Bales per Pallet, 15 pcs per Bale, 60 pcs per Pallet, 2,760 PCS / 40’ HC.
20’ GP, 22 Pallets, 4 Bales per Pallet, 15 pcs per Bale, 60 pcs per Pallet, 1,320 PCS / 20’ GP.

**Without Pallets**
40’ DC, 15 pcs per Bale, 280 Bale = 4,200 pcs / 40’ DC
40’ HC, 15 pcs per Bale, 320 Bales = 4,800 pcs / 40’ HC
20’ GP, 15 pcs per Bale, 140 Bales = 2,100 pcs / 20’ GP
Fleece Type Blanket
UNHCR Standard

General Description
100% polyester easy maintenance fleece blanket. It is ultra soft for warmth and comfort.

Technical Specification
Make
Fleece on both sides.
Content
100% polyester.
TOG
Minimum 1.50
Size
150 x 200 cm
Thickness
Minimum 3.5 mm
Bursting Strength
Minimum 25 kg both ways.
Edges
Piping
Weight
250 g/m²
Colors
Dark Blue
Marking / Logo
One logo can be printed or inserted on the blanket.

Packing and Shipping
Bale of 30 pieces
Weight per Bale
24 kg (approx).
Dimensions / Volume per Bale
50 x 40 x 75 cm / 0.15 cbm (approx)
Reinforced Plastic Tarpaulin
UNHCR Standard

General Description
Reinforced tarpaulin of 4 x 5 m sheet or 4 x 50 m roll designed for long periods of outdoor use in all climates. Plastic tarpaulins can be used as temporary shelter, groundsheets, and shelter protection.

Technical Specification
Finished size for each sheet / roll: 4 x 5 m (± 1%) or 4 x 50 m (± 1%).

Material
Made of woven high density black polyethylene (HDPE) fibers, warp x weft, laminated on both sides with low density polyethylene (LDPE) coating.

Sheet Only
With reinforced rims by heat sealing on all sides, (or 2 sides heat sealing and 2 sides double stitching), and a 5 mm diameter polyethylene (PE) or poly-propylene (PP) rope on the edge, inside the hem. 1000 denier minimum.

Sheet Only Effective Area
20 m²

Material Weight
Minimum 190 g/m² (± 20 g/m²).

Tensile Strength
Minimum 600 N both directions of warp and weft (BS 2576, 50 mm grab test or equivalent).

Tear Strength
Minimum 100 N both directions (BS 4303 wing tear or equivalent) or under ISO 4674 (A2).

UV Resistance
Stabilized against ultraviolet rays and excess heat for long outdoor exposure. Maximum 5% loss of original tensile strength under ISO 1421 after 1500 hours ultraviolet (UV) under ASTM G53 / 94 (UVB 313 nm peak).

Welding
Only one is allowed along the middle of the sheet, length wise. Minimum resistance is 80% of the original tarpaulin tensile strength in the weft under ISO 1421 plus additional procedure.

Sheet Only Reinforcement Eyelets
Provided with aluminum eyelets or equivalent on four sheet sides of the single sheets at 100 cm (± 5 cm) centre to centre, providing very strong fixation points.

Colour
White sun reflective on both sides. Inner black fibers to ensure opacity.

Marking / Logo
Customized to your requirements.

Packing
Pieces per Bale: 5
Volume per Bale: 62 x 44 x 18 cm / 0.05 cbm (approx)
Weight per Bale: 22.5 kg (approx)
Bale per Pallet: 20 (100 pieces)
Weight per Pallet: 420 kg (approx)
Volume per Pallet: 120 x 80 x 112 cm / 1.08 cbm (approx)

Estimated Shipping / Container Information
With Pallet
2,200 Pieces per 20’ GP container
4,600 Pieces per 40’ GP container
4,600 Pieces per 40’ HC container

Without Pallet
3,500 Pieces per 20’ GP container
5,500 Pieces per 40’ GP container
5,500 Pieces per 40’ HC container
Insulated Sleeping Mat

General Description
Our Sleeping Mat is used for protection against the cold from the ground and for extra comfort. This strong and multi-purpose product can be used in any of our tents and in other sleeping environments.

The mat is open at one end to allow filling with local material (hay, grass, down, etc) that will then turn it into a basic, but effective mattress.

Technical Specification
The mat comes assembled in three layers:

- First layer (ground-side) - A plastic mat, double weave
- Second layer - An aluminized canvas, (aluminum face upwards)
- Third layer - Upper-side, a fleece blanket

The factory assembling of this is with a heavy-duty ribbon, strongly stitched around the entire perimeter of the mat.

The second and third layer are also stitched together, lengthwise in the center, and crosswise in 3 lines, equally spaced.

Dimensions
Length: 1.8 m
Width: 0.9 m
Weight: 2.9 kg

At one end, the mat is open across the whole width, to allow access in between the plastic mat and the aluminised canvas. This opening closes with a fold, (as with a pillowcase closing system).

A pair of strong laces are sewn into the mat at one end in the centre, thus allowing the user to secure the mat when rolled up for transport or storage.

Material Specifications

First Layer - Plastic Mat
Made in a tightly woven twill structure, double thickness (2/1, 3/1, 2/2, 3/2). Virgin poly-propylene (PP) multifilament, 500 denier in warp and virgin polypropylene (PP), hollow tube in weft.

Fire retardant to pass CPAI 84/5. Tight woven, with a minimum 1000 tubes per meter length.

Weight: 500 g/m² minimum.
Color: Any.

Second Layer - Aluminized Canvas
Strong synthetic canvas with a durable aluminum coating, soft and noiseless.

Fire retardant to pass CPAI 84/5.
LLIN Mosquito Net
WHOPES Recommended

General Description
Long Lasting Insecticidal Treated Mosquito Net (LLIN) that provides protection for individuals and communities against malaria and other vector-borne diseases.
This product is the only LLIN that is treated after cutting and sewing, which is to the benefit of worker safety.

Technical Specification

Material
100% Polyester – Multi-filament

Treatment
Deltamethrin @ 80 mg / m²

Fabrication
Warp knitted

Denier
75 or 100 (thread strength)

Mesh: 156 (12 x 13 Holes per square inch)

Shrinkage
Less than 5%

Bursting Strength
> = 250 KPa @ 75 Denier
> = 350 KPa @ 100 Denier

Weight
75 Denier = 30 g / m²
100 Denier = 40 g / m²

Efficacy
20+ Washes

Storage Stability
54 C ± 2 for 14 days <5% loss of Deltamethrin

Insecticidal Effect
80% mortality and 95% KD60

Specifications
As per WHO standards

Construction
To ISO Standards

Fire Safety
To USA Regulations 16 CFR Part 1610

Colour
White, green or blue. Custom colors available upon request.

Heat Setting
Fabric is heat-set to prevent shrinkage after washing.

Sizes (W x L x H)

Rectangular
Small Single: 70 x 180 x 150 / 170 cm
Single: 100 x 180 x 150 / 170 cm
Large Single: 130 x 180 x 150 / 170 cm
Family: 160 x 180 x 150 / 170 cm Large
Family: 190 x 180 x 150 - 170 cm

Suspension
Six rust-free aluminium rings or reinforced fabric loops

Circular Nets
(Bottom Circumference x Height x Roof Circumference)

Single: 850 x 220 x 56 cm
Double: 1050 x 220 x 56 cm
Family: 1250 x 220 x 65 cm

Outer Packaging
Press baled, packed in strong outer PE bags + tough PE straps as protection during shipment. In 25, 50 or 100 unit bales.

1 Bale = 50 pcs
Bale Dimension: 30 x 35 x 75 cm
Bale Weight: 30 kg
Collapsible - 20L, With Tap
ICRC / IFRC Standard

General Description
Collapsible water container with tap and handle, for carrying and storing clean water. The capacity of this water container is 20 L.

Technical Specification
Material
Manufactured food grade low density polyethylene (LDPE) without toxic elements according to EN 1186-3-9 standard. Opening size from 30 mm to 50 mm.

Capacity
20 L

Weight
285 g

Operating Temperature
This product can withstand temperatures of -20°C to +50°C.

Impact Resistance / Drop Test
The collapsible water container needs to complete testing of 10 consecutive drops, from a 2 m height, filled with water to its normal maximum capacity.

The normal capacity must be strictly respected when filling the water container for the test.

The Semi Collapsible water container must be impact resistant on a hard surface when filled with a maximum volume of 20 L of water.

Colour
Translucent / Ultraviolet (UV) Stabilized

Marking / Logo
Customized to your requirements.

Packing
Pieces per Carton: 25
Volume per Carton: 38 x 54 x 50 cm / 0.103 cbm (approx)
Weight per Carton: 8.5 kg (approx)
Carton per Pallet: 8
Weight per Pallet: 80 kg (approx)
Volume per Pallet: 112 x 78 x 114 cm / 0.9959 cbm (approx)

Estimated Shipping / Container Information With Pallet
4480 Pieces per 20’ GP container
9600 Pieces per 40’ GP container
9600 Pieces per 40’ HC container

Without Pallet
4500 Pieces per 20’ GP container
9000 Pieces per 40’ GP container
9500 Pieces per 40’ HC container
Semi Collapsible - 10L
UNHCR Standard

General Description
Semi Collapsible water container with handle for carrying and storing clean water. The capacity of this water container is 10 L.

Technical Specification
Material
Manufactured food grade low density polyethylene (LDPE) without toxic elements according to EN 1186-3-9 standard.

Capacity
10 L

Weight
190 g – 230 g

Estimated Shipping / Container Information

With Pallet
11200 Pieces per 20’ GP container
24000 Pieces per 40’ GP container
24000 Pieces per 40’ HC container

Without Pallet
13300 Pieces per 20’ GP container
27600 Pieces per 40’ GP container
32000 Pieces per 40’ HC container

Operating Temperature
This product can withstand temperatures between -20°C to +50°C.

Average Thickness
0.6 mm and minimum corner thickness 0.5 mm.

Fitted with
A built-in carrying handle with minimum 9 cm length and 3 cm height, no sharp edges and a removable cap for filling and discharge that is linked to the container by polyamide string with diameter of minimum 1 mm and approximately 120 mm length. The inner diameter of the cap is approximately 35 mm.

Impact Resistance / Drop Test
The Semi Collapsible water container is impact resistant on a hard surface when filled with maximum volume of 10 L of water. The complete drop test consists of 10 consecutive drops from a 2.5 m height. Test result is expressed as a product ranking according to the number of drops passed without damages or leakage. To be accepted, the water container must resist to a minimum of 3 drops.

Color
Translucent / Ultraviolet (UV) Stabilized.

Marking / Logo
Customized to your requirements.

Packing
Pieces per Carton: 50
Volume per Carton: 54 x 38 x 50 cm / 0.1026 cbm (approx)
Weight per Carton: 12 kg (approx)
Carton per Pallet: 8
Weight per Pallet: 110 kg (approx)
Volume per Pallet: 112 x 78 x 114 cm / 1.0944 cbm (approx)
Water Containers

Water Bucket - 14L, With Tap or Without Tap
Oxfam Standard

General Description
Water Bucket, 14L capacity, heavy duty, non-collapsible plastic water bucket with handle and lid.

This product allows people to collect, carry, and store clean and safe drinking water.

Stackable, practical and resistant - available with or without tap.

Technical Specification
Material
High density polyethylene (HDPE) and low density polyethylene (LDPE), tough durable ultraviolet (UV) resistant and safe for food and water storage.

The top is reinforced to prevent ovaling.

The walls meet the bottom of the bucket with a curved inside surface to prevent dirt accumulation and facilitate cleaning.

The bucket has a tight-fitting lid of the same material of the bucket with an attached push-on cap.

The tap and its connection is leak tight.

Capacity
14 L

Estimated Dimensions
Top diameter 31 cm, height 33 cm

Colour
Bucket: White
Cover and Handle: Red, green or other color upon request.

Marking / Logo
Customized to your requirements.

Packing
Pieces per Carton: 20
Volume per Carton: 110 x 31 x 33 cm / 0.1126 cbm (approx)
Weight per Carton: 18.50 kg (approx)

Estimated Shipping / Container Information
With Pallet
3360 Pieces per 20’ GP container
7200 Pieces per 40’ GP container
7200 Pieces per 40’ HC container

Without Pallet
4900 Pieces per 20’ GP container
10080 Pieces per 40’ GP container
11520 Pieces per 40’ HC container
**Family Cooking Sets**

UNHCR Standard

**General Description** Stainless steel cooking set fit for a family of 5 persons

**Technical Specification**

**Make**
Stainless Steel

**Capacity**
10 L

**Contents**
1 x 7 L + 1 x 5 L cooking pot with lid
1 x frying pan with handle
5 x plates + 5 bowls + 5 cups
5 x table (spoons, knives & forks)
1 x kitchen knife with stainless steel blade +
1 x wooden spoon + 1 scouring pad
2 x serving spoons

**Packing**
All above items in a carton box

**Weight per Carton**
6.80 kg (approx)

**Dimensions**
29 x 29 x 19 cm

**Volume per bale**
0.020 cbm (approx)
Solar Lights

**General Description**
Easy-to-use weather- and shockproof solar light, all in one robust case. Solar Muscle provides up to 7 hours of light per charge at full light-power, and up to 14 hours at 50% setting. 1 hour charge under optimal condition provides 1 hour of full light. Replaceable batteries.

**Life Span**: minimum 2 years.

**Shelf Life**: 5 years when kept in original packaging between -10°C and 50°C. The lights are delivered with partially charged batteries, it is recommended to re-charge the batteries before use to ensure maximum power. When stored fully charged, the batteries will hold charge for approximately 1 year.

**Technical Specifications**

**Materials**
Casing made of unbreakable recycled plastic

**Size per unit**
9 x 9 x 2.5cm / 3.5 x 3.5 x 1 inch

**Weight per unit**
120g / 4.2 oz

**Batteries / Power**: 3x 1.2volts / 600mAh
- Size / Type: AAA size - Rechargeable - NiMH
- Charge cycles: 500+ charges

**LEDs**: 12
- Light Intensity: 2300 - 3000 mcd per LED max
- Viewing Angle: 100 degrees
50% Ambiance Light - 100% task / reading light

**Lumens per LED**: 4.5 lm (theoretical)
**Total Lumens**: 48-60 lm (theoretical)
25 lm (Real, tested lumens)

**Settings / Switch**: 3 settings:
(0) OFF/Charge
(I) ON, 6 LEDs (50% power)
(II) ON, 12 LEDs (100% power)

**Solar Panel**: Mono Crystalline
Working Voltage: 6 V
Working Current: 100 mA
Max Output: 0.6W

**Charging Time (full charge)**
7 hours (under optimal condition)
15 hours (under 50% light efficiency)

**Autonomous Time (Running Time)**
5-7 hours (full power)
10-14 hours (50% power)

**Fixation System**
Four holes providing multiple fixation options. Clip system on all sides, allowing for various possibilities to connect the lights.
Non Kerosene Stove
For cooking and Heating

General Description
A simple but efficient wood / coal stove for distribution to beneficiaries for use inside tents. This version is adapted for use inside the standard family tent.

An added advantage besides providing heat is that it also allows cooking.

Complete packed product is made of:
- 2.5 mm thick cold rolled iron sheets (Burner only)
- 0.79 mm thick CR iron sheets (Flue pipes with accessories)
- 1.2 mm thick powder coated iron pipes (Supporting components).

Burner is built with a door opening, which contains gasket to adjust airflow, two horizontal ventilators of 12 cm each and a door opening / closing handle.

5 front base holes for oxygen intake.

1 Flue pipe opening.

The opening of the cooking area is provided with a flat pan to cover the stove when it is not in use for cooking. The same pan can be used for making bread.

Cooking pot - 7 liter IFRC type (In stainless steel), is supplied to fit onto the cooking area.

Frying pan - 2.5 liter IFRC type (In stainless steel), is also supplied to fit onto the cooking area and serve lid.

1 detachable handle is provided to fit the pot, frying pan and flat pan. The same handle has a “D” shaped side on one end which is used to remove the ash from the stove.

Angles to be provided inside the burner for strength.

Supplied with one stove stand, connectable pipes as smoke outlet, two bend connectors (elbows) and one connectable support stand to keep the flue pipes erected and firmly attached to the ground.

Technical Specification
Burner / Stove
Size: 65.5 cm length x 35 cm width x 35 cm high

Stove is fitted with thirteen (13) 2.5 cm iron angles to avoid deshaping by constant burning. These angles enhance strength and endurance of the burner.

Stove is made of 2.5 mm thick iron sheets.

Flue pipe opening (on top of burner): 10 cm diameter.

Cooking area opening provided with flat pan.

Burner / Stove Stand
Size: 66 cm length x 41 cm width x 12 cm high.
Made up of 1.2 mm thick, powder coated square iron pipes.

Contents
1. Flue Pipes made up of 0.79 mm thick iron sheets with 10 cm diameter, 60 cm long each piece, 3 pieces.
2. Flue Pipe Support Stand made up of 2 male / female connecting Iron Pipes and 3 Base pipes, powder coated, 1.2 mm thick.
   - Base Plate Stand of 53 cm height.
   - 1 piece of base pipes of 60 cm each connected with base plate by snap locks.
   - 2 pieces of male / female pipes of 60 cm each erected together by snap locks.
   - Total height of the stand while connected and properly erected is 153 cm.
3. Flue Pipe Elbows, 1.6 mm thick iron sheet with 10 cm diameter, 2 pcs
4. Pegs for Base Pipes, 23 cm long, 3 pieces
5. Chimney Cap, CR Iron sheet, 1 mm thickness, 1 piece.
6. Clamp Bracket, CR Iron sheet, 1 mm thickness, 2 pieces.
7. Connecting Adapter, 2.5 mm thick iron sheet, 14 cm high. Both ends are of 10 cm diameter each.
8. Cooking pot (stainless steel), 7 liter, 1 piece.
9. Frying pan (stainless steel), 2.5 liter, 1 piece.
10. Handle / Ash remover, head, 12.5 cm wide – 43 cm long, 1 piece.

Marking / Logo
Customized to your requirements.

Packaging
Wrapped in a 7-ply export quality corrugated cardboard box and strapped.

Packed Dimensions / Volume
44 cm (w) x 74 cm (L) x 43 cm (H) approx / 0.14 cbm

Packed Weight
48 kg (approx).
Hygiene Kit
Complies with International and UN Product

General Description
The hygiene kit contains essential supplies to maintain hygiene levels for a family in an emergency situation.

Technical Specification
Toothpaste - 75ml / 100 g, 3 tubes
Toothbrush - 5 each
Shampoo - Adult, normal hair, 3 bottles, 250ml / bottle
Soap - Body, 100 g per bar, 5 bars
Washable sanitary pad - 10 pieces
Razor - Disposable, 10 each
Towel - Bath, 100% cotton, 70 x 30 x 30 cm (4 each)
Toilet paper - Twin ply, 12 rolls
Comb - 1 piece (normal size)
Lice comb - 1 piece
Nail clipper - 1 piece
Detergent powder - 1 x 3 kg bag
Cloth nappies - 10 pieces

Packing and Shipping
Each kit packed in one five ply, export quality cartons.
The cartons will be white in colour, with 2 sides labelled with destination details and other two sides with list of contents.

Weight
6 kg (approx).

Shipping Volume
0.05 m³
Squatting Plates

**General Description**
These are squatting plates to be used in latrines in emergency situations to provide a cleaner more hygienic alternative to a regular latrine.

**Technical Specification**

**Utility / Application**
For emergency latrine use

**Dimensions**
120 x 80 x 5.50 cm

**Materials**

- **Slab**
  LLDPE with tent pegs and hand wash logo on cover

- **Pan and ‘P’ Trap**
  Pan in PPCP and Trap in HDPE. Complete UV resistant material.

**Colour**
- Slab: Red Granite
- Cover: Grey
- Pan: Milky White
- ‘P’ Trap: Off White Natural

**Features**
Drop hole provided with cover to limit odour from cesspit and restrict fly hazard
- Large drop hole for easy use
- Portable and reusable
  - Smooth surface for quick and easy cleaning
  - Sloped surface for drain away
  - Resistant to urine and faecal matter
  - Rot proof, waterproof, vermin proof and proof against all aggressive insect attack. Also resistant to all cleaning materials

**Packaging and Shipping**
- Slab: 35 slabs on a pallet
- Pan and ‘P’ Trap: 140 sets on a pallet

**Weight**
- Slab: 430.75 kg (approx)
- Individual Slab will be 11.40 kg (approx)
- Pan and ‘P’ Trap: 155.80 kg (approx)
- Individual set will be 0.67 kg (approx)

**Shipping Dimensions / Volume**
- Slab: 120 x 80 x 211.50 cm / 2.03 (approx)
- Pan and ‘P’ Trap: 120 x 80 x 215 cm / 2.06 (approx)
Tent for Toilet, Bath and Latrines

General Description
A Single Fly, single fold tent designed to fit over a toilet, latrine or bathroom for added privacy in emergency situations

Technical Specification

Dimensions (Length x Width)
Latrine Area: 1.20 m x 1.20 m + Bath Area: 1.20 x 0.70
Central Height: 2.30 m
Wall Height: 1.90 m

Frame
Galvanized steel pole of 20 mm diameter.

Materials
160 g/m² water and rot proof polyester fabric.

Colour
White

Accessories
All required tools and accessories for ready use. Hammer, steel pegs, ground pins and ropes.

Windows
2

Packing and Shipping
Tent packed into stuff bag and frame and accessories into another stuff bag. Complete tent into one master carton.

Weight
8.60 kg (approx)

Shipping Dimensions
0.066 cbm (approx)

Volume
117 x 28 x 20 cm
Osman Consulting
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