

# Coverage Kit

- Fire retardant
- Waterproof
- Rot-proof
- UV stabilized
- All climate zones
- Multi-purpose



## › Key features

- › Fit-for-purpose shelter kit consisting of two 4 x 6 m plastic sheets, two 24 m long ropes and instructions leaflet
- › Designed for those living in humanitarian settlements setup in the aftermath of natural disasters and humanitarian crises
- › Durable plastic sheeting made from woven high-density polyethylene (HDPE) black fibres fabric, laminated on both sides with low-density polyethylene (LDPE) coating
- › Pre-punched reinforcement bands for easy attachment, such as ropes and nails
- › Designed intending to minimise the impact on the environment
- › Fire retardant, UV stabilized, water, rot and soil resistant
- › Long outdoor use life in all climates
- › Fast and easy setup

## › Dimensions

### Plastic sheeting

Width	4 m ±1%
Length	6 m minimum
Weight	190 g/m <sup>2</sup> ±20 g under ISO 3801 (equivalent to 170 g/m <sup>2</sup> minimum to 210 g/m <sup>2</sup> maximum)
Additional weight of band (10%)	Total weight with Band from 187 g/m <sup>2</sup> minimum and 231 g/m <sup>2</sup> maximum

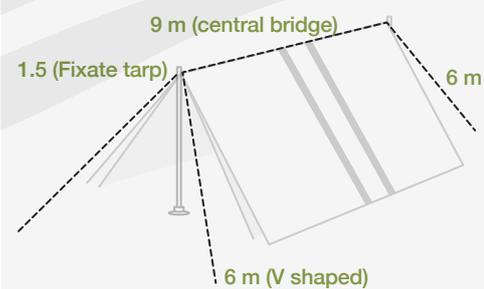
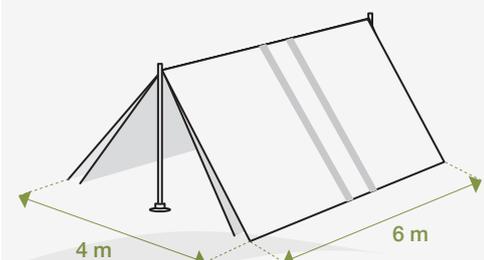
### Rope specifications

Diameter	6 mm
Length	2x 24 m
Weight	320 g
Color	Black
Packaging	Rope coiled to minimize size and height of overall shelter bale

### Instructions leaflet specifications

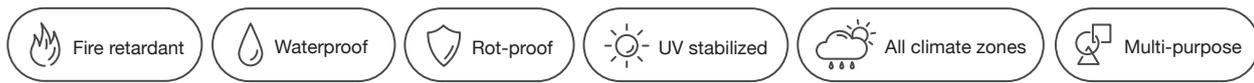
Materials	Printed onto A4 size, Taffeta paper
Content	1-page assembly guide sheet with pictorial instructions

## › Graphic reference



- Cut the ropes into 5 pieces
- Central bridge
  - V-shaped
  - Fixate Tarp

# Coverage Kit



## › Plastic sheeting detailed specifications

<b>Material</b>	Woven high-density polyethylene (HDPE) black fibbers fabric laminated on both sides with white low density polyethylene (LDPE) coating
<b>Reinforcement bands</b>	Woven black HDPE fibers fabric and coated with grey LDPE on the outside
<b>Tear strength</b>	Minimum 100N under ISO 4674-1B 2003, with a test piece of 200 x 200 mm as described in ISO 4674 annex B, in plain sheet
<b>Tensile strength</b>	Minimum 500N and 15% to 35% elongation in warp and weft in plain sheet under ISO 1421-1
<b>UV resistance</b>	The tarpaulin tensile strength under ISO 1421-1 after 1500 hours UV under ASTM G53/94 (UVB 313 nm peak) must be: Minimum 80% of the original value of the actual product, AND not less than 475N. To be tested in the plain sheet
<b>Reinforcement bands tensile strength</b>	Minimum 700N inside the reinforcement bands as per ISO 1421-1, pulling lengthwise in a pre-punched hole of 8 mm with a hook of 8 mm wire diameter. To test in 2 holes in each side bands
<b>Reinforcement bands UV resistance</b>	The reinforcement bands tensile strength under ISO 1421-1 after 1500 hours UV under ASTM G53/94 (UVB 313 nm peak) must be: Minimum 80% of the original value of the actual product, AND not less than 665N
<b>Welding number and strength</b>	Only one welding allowed, in the middle of the sheet, length wise. The tarpaulin tensile strength crossways at the place of the welding under ISO 1421-1 must be: Minimum 50% of the original value of the actual product, AND not less than 400N
<b>Fire retardancy</b>	Flame retardant EN13823+A1 Minimum class D, s2, d2
<b>Color</b>	White sun reflective on both sides of the sheet without fluctuation in color. Grey coating on the outside of the bands
<b>Shelf life</b>	2 years minimum

## › General specifications

<b>Kit packing</b>	<p>Shelter Kit items are packaged by folding the items inside of the plastic sheeting. Each completed kits are packed in a poly-bag with customized markings. Completed kit consists of</p> <ul style="list-style-type: none"> <li>» 2x plastic sheets measuring 4 x 6 m each</li> <li>» 2x long ropes measuring 24 m each</li> <li>» 1x instructions leaflet printed on Taffeta paper</li> </ul> <p><b>Bale specifications</b></p> <ul style="list-style-type: none"> <li>» Two kits are baled together with plastic welded banding then covered with recycled plastic bag</li> <li>» Two kits per bale</li> </ul>
<b>Marking of packaging</b>	Marking customized according to client requirements, applied to the outside of each kit and to the poly-bag. For consolidated kit pallets, customized markings are applied and made clearly visible
<b>Marking of goods</b>	Goods will have FCDO ID mark, with the information, including “made” and “batch” numbers permanently printed in clear text on the banding of the plastic sheeting
<b>Shelf life</b>	Minimum 2 years



# Coverage Kit



## › Packing and shipping

### 1 kit contains

- » 2x Plastic sheeting (4 x 6 m)
- » 2 x Rope, 24m
- » 1x Instructions leaflet

Packing attributes	Without pallets	With UK pallets
Content	2 kits per bale	20 bale (40 kits) per pallet
Dimensions	60 x 50 x 21 cm $\pm 20\%$	120 x 100 x 115 cm $\pm 20\%$
Weight	22 kg $\pm 10\%$	460 kg $\pm 10\%$
Volume	0.063 m <sup>3</sup> $\pm 20\%$	1.38 m <sup>3</sup> $\pm 20\%$

## › Estimated loadability

Containers	Without pallets	With UK pallets
20' GP	500 bales (1,000 kits)	18 pallets, 360 bales (720 kits)
40' DC	1,000 bales (2,000 kits)	40 pallets, 800 bales (1,600 kits)
40' HC	1,100 bales (2,200 kits)	40 pallets, 800 bales (1,600 kits)

<sup>1</sup> The loadability provided is based on the maximum volume and weight capacity of the containers. This might change due to road weight restrictions in the country of destination. Please contact our sales team for further clarifications.