



Eco Coverage Kit

Plastic Sheeting and 6 mm Ropes



Circularity design



Fire retardant



Waterproof



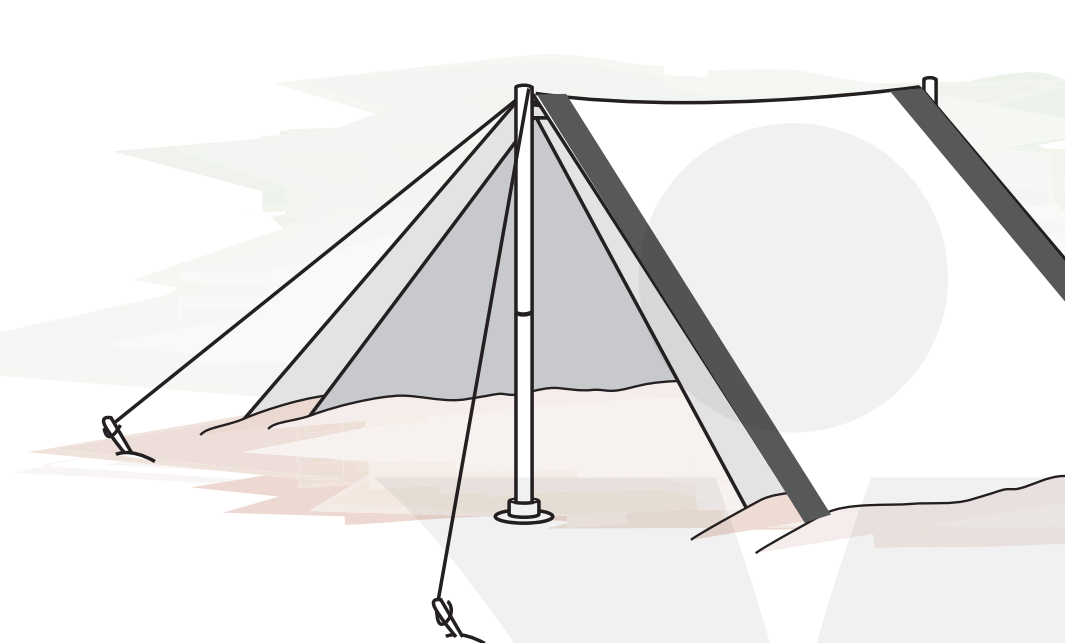
UV stabilised



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.
- › Contains a minimum of 15% recycled PE while maintaining full strength and lifespan. Reduces CO₂ emissions due to the recycled plastic ratio and lighter weight.
- › Offers fire-retardant, UV-stabilised, water, and soil-resistant properties.
- › Provides a long outdoor use life in all climates.
- › Allows fast and easy setup.
- › 100% recyclable.

› Dimensions and Weight

Plastic sheeting

Width	4 m $\pm$ 1%
Length	6 m minimum
Weight	170 g/m ² $\pm$ 10 g under ISO 3801 (equivalent to 160 g/m ² minimum to 180 g/m ² maximum)
Additional weight of band (4%)	Total weight with 2 bands from 166 g/m ² minimum and 188 g/m ² maximum

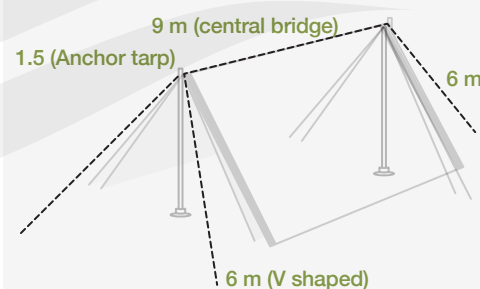
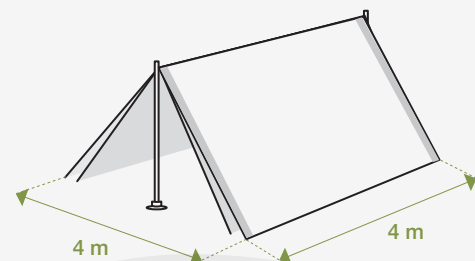
Rope specifications

Diameter	6 mm minimum
Length	2 x 24 m minimum
Weight	320 g minimum
Colour	Black
Packaging	Rope coiled to minimise size and height of overall shelter bale
RIC code	Will be attached to the rope using hang tag tie

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

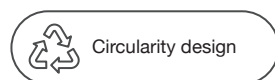
- Central bridge
- V-shaped
- Anchor Tarp

**NRSRelief**www.nrsrelief.com

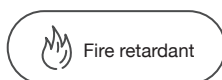


Eco Coverage Kit

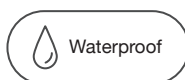
Plastic Sheeting and 6 mm Ropes



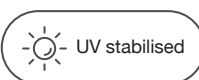
Circularity design



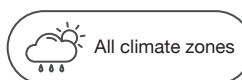
Fire retardant



Waterproof



UV stabilised



All climate zones



Multi-purpose

› Plastic Sheeting Technical Specifications

Material	Woven HDPE black fibres fabric with minimum 15% post- consumer recycled content, double-side LDPE white coating, reinforced with 2 bands of 75 ±4 mm width, woven black HDPE fibres fabric coated with grey LDPE on outside
Reinforcement fixation points	Seven holes of 8 ±1 mm on the bands at 1 m ±5% intervals, punched through the band and tarpaulin
Tear strength at state of origin ISO 4674	Minimum 150 N under ISO 4674-1B 2003, with a test piece of 200 x 200 mm
Tensile strength	Minimum 750N and 15% to 35% elongation in warp and weft in plain sheet under ISO 1421-1
UV resistance	Apply 1500 hours UV under ASTM G53/94 (UVB 313 nm peak) Maximum 5% loss of strength compared to the original tensile strength of the product
Tensile strength in the fixation point	Min 900N as per ISO 1421-1, pulling perpendicular to the tarpaulin edge (fixation points) with a hook of 8 mm wire diameter. Test 3 pieces of 200 mm x 500 mm from each side of the tarpaulin
Welding number and strength	Only one is allowed, lengthwise. The tarpaulin tensile strength crossways at the place of welding under ISO 1421-1 minimum 50% of original value of the actual product
Fire retardancy EN 13823+A1	Minimum class D, s2, d2. Minimum time to reach large wing external edge: 4 minutes (LFS) The presence of Flame Retardant (FR) additives (bromine, antimony) is not permitted

› General Specifications

Kit packing	Shelter Kit items are packaged by folding the items inside of the plastic sheeting Each completed kits are packed in a poly-bag with customised markings. Completed kit consists of » 2x plastic sheets measuring 4 x 6 m each » 2x long ropes measuring 24 m each » 1x instructions leaflet printed on Taffeta paper Bale specifications » Two kits are baled together with plastic welded banding then covered with recycled plastic bag » Two kits per bale
Marking of packaging	Marking customised according to client requirements, applied to the outside of each kit and to the poly-bag For consolidated kit pallets, customised markings are applied and made clearly visible
Marking of goods	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
Shelf life	Minimum 2 years

**NRSRelief**

www.nrsrelief.com



Eco Coverage Kit

Plastic Sheeting and 6 mm Ropes



Circularity design



Fire retardant



Waterproof



UV stabilised



All climate zones



Multi-purpose

› Packing and Shipping

Packing attributes	Unpalletised	UK pallets
Content per kit	2 x Plastic sheeting 4 x 6 m 2 x Rope 24 m 1 Instruction Leaflet	20 bale (40 coverage kits) - 80 x Tarpaulin 6x4m (2 per kit) - 80 x Rope 24m (2 per kit) - 40 Instruction Leaflet (1 per kit)
Content per bale	2 x coverage kits	
Dimensions	60 x 50 x 25 cm $\pm 20\%$	120 x 100 x 125 cm $\pm 20\%$
Weight	20.5 kg approx.	425 kg approx.
Volume	0.075 m ³ $\pm 20\%$	1.5 m ³ $\pm 20\%$

› Estimated Loadability¹

Containers	Unpalletised	UK pallets
20' DC	500 bales (1,000 kits)	18 pallets / 360 bales (720 kits)
40' DC	1,000 bales (2,000 kits)	42 pallets / 840 bales (1,680 kits)
40' HC	1,100 bales (2,200 kits)	42 pallets / 840 bales (1,680 kits)

¹ 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.

