



# Woven Flexible Tarpaulin

MSF/IOM Standard



Fire retardant



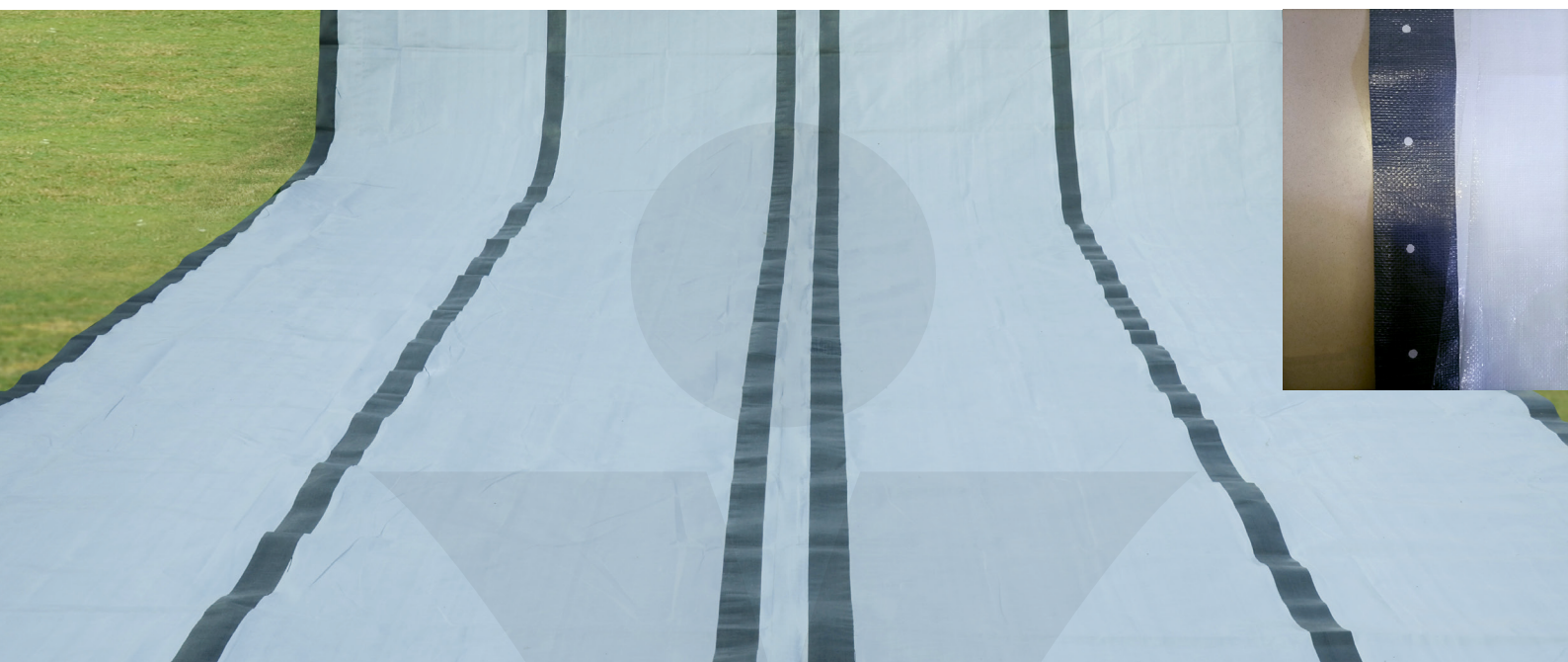
Waterproof



UV stabilised



Logo customisable



## › Key Features

- » Fire retardant, waterproof, and UV-resistant.
- » Band reinforced tarpaulin in sheet of 4 x 6 m developed by International Research Project and designed for long outdoor use in all climates.
- » Woven high density polyethylene (HDPE) black fibres fabric coated on both sides with low density polyethylene (LDPE) coating.
- » Highly recommended for family shelter protection.

## › Dimensions

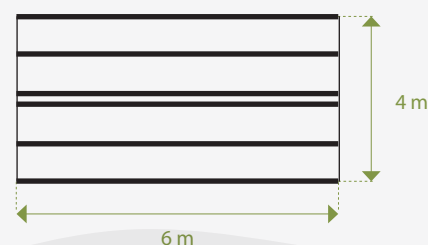
### Width and length

Size / sheet	4 x 6 m $\pm 1\%$
Size / roll	4 x 60 m $\pm 1\%$
Specific sheet without bands weight	190 $\pm 20$ g under ISO 3801 (equivalent to min 170 to 210 g/m <sup>2</sup> max)
Complete sheet with bands weight	Plain sheet specific weight plus 10% additional weight for reinforcement bands under ISO 3801
Total weight	From minimum 187 to 231 g/m <sup>2</sup> Specific weight of bands from min 150 to 200 g/m <sup>2</sup> maximum

## › Materials

Sheet	<ul style="list-style-type: none"><li>» Woven HDPE black fibres fabric, double-side LDPE coating, reinforced with 6 bands of 75 <math>\pm 3\%</math> mm width woven black HDPE fibers fabric and coated outside</li><li>» Pre-punched 8 mm holes on the 2 side bands at 0.1 m <math>\pm 10\%</math> intervals, positioned in the centre of the bands (only the reinforcement bands are pre-punched, not the tarpaulin itself)</li><li>» Flame retardant EN13823+A1</li></ul>
Tensile strength	Min 500N, 15-35% elongation in warp and weft in plain sheet under ISO 1421-1
UV resistance	After 1500 hours UV under ASTM G53/94 (UVB 313 nm peak) minimum 80% of original value of the actual product and not less than 475N

## › Graphic Reference



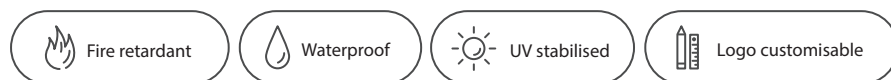
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### › Materials

Reinforcement bands	Minimum 700N as per ISO 1421-1, pulling length wise in a pre-punched 8 mm hole with a hook of 8 mm wire diameter, at 200 mm from the end of the band. UV resistance 80% of original value and not less than 665N
Welding	Only one is allowed, lengthwise. The tarpaulin tensile strength crossways at the place of welding under ISO 1421-1 minimum 50% of original value and not less than 400N

### › Packing and Shipping - 4 x 6 m

Packing Attributes	Unpalletised	CRI Pallet	Euro Pallet
Content	5 pieces	16 bales (80 pieces)	16 bales (80 pieces)
Package dimensions (cm)	60 x 40 x 18 ±20% (w/o pallets) 60 x 40 x 25 ±20% (with pallets)	112 x 78 x 115 ± 20%	120 x 80 x 115 ± 20%
Package weight (kg)	25 ±10%	420 ±10%	425 ±10%
Package volume (m <sup>3</sup> )	0.0432 ±20% (w/o pallets) 0.0600 ±20% (with pallets)	1.005 ±20%	1.104 ±20%

### › Container Loadability<sup>1</sup>

Containers	Unpalletised	CRI Pallet	Euro Pallet
20' GP	520 bales (2,600 pieces)	28 pallets (2,240 pieces)	22 pallets (1,760 pieces)
40' DC	1,050 bales (5,250 pieces)	60 pallets (4,800 pieces)	48 pallets (3,840 pieces)
40' HC	1,150 bales (5,750 pieces)	60 pallets (4,800 pieces)	48 pallets (3,840 pieces)

### › Packing and Shipping - 4 x 60 m roll

Packing Attributes	Bale Form		Roll Form	
	Unpalletised	Customised Pallet	Without Steel Cage	Steel Cage
Content	01 roll	08 bales (8 rolls)	01 roll	40 rolls / cage (20' and 40' DC) 44 rolls / cage (40' HC)
Package dimensions (cm)	90 x 60 x 25 ±20%	112 x 90 x 115 ±20%	220 x 25 x 25 ±20%	225 x 115 x 228 ±20% (20' and 40' DC) 225 x 115 x 250 ±20% (40' HC)
Package weight (kg)	50 ±10%	410 ±10%	50 ±10%	2,150 ±10% (20' and 40' DC) 2,350 ±10% (40' HC)
Package volume (m <sup>3</sup> )	0.135 ±20%	1.16 ±20%	0.110 ±20%	5.95 ±20% (20' and 40' DC) 6.47 ±20% (40' HC)

### › Container Loadability<sup>1</sup>

Containers	Unpalletised	Customised Pallet	Without Steel Cage	Steel Cage
20' GP	210 rolls	24 pallets (192 pieces)	240 rolls	05 cages (200 rolls)
40' DC	460 rolls	52 pallets (416 pieces)	480 rolls	10 cages (400 rolls)
40' HC	520 rolls	52 pallets (416 pieces)	530 rolls	10 cages (440 rolls)

<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.