



Woven Plastic Tarpaulin

Plastic Sheeting - MSF/IOM Standard



Fire retardant



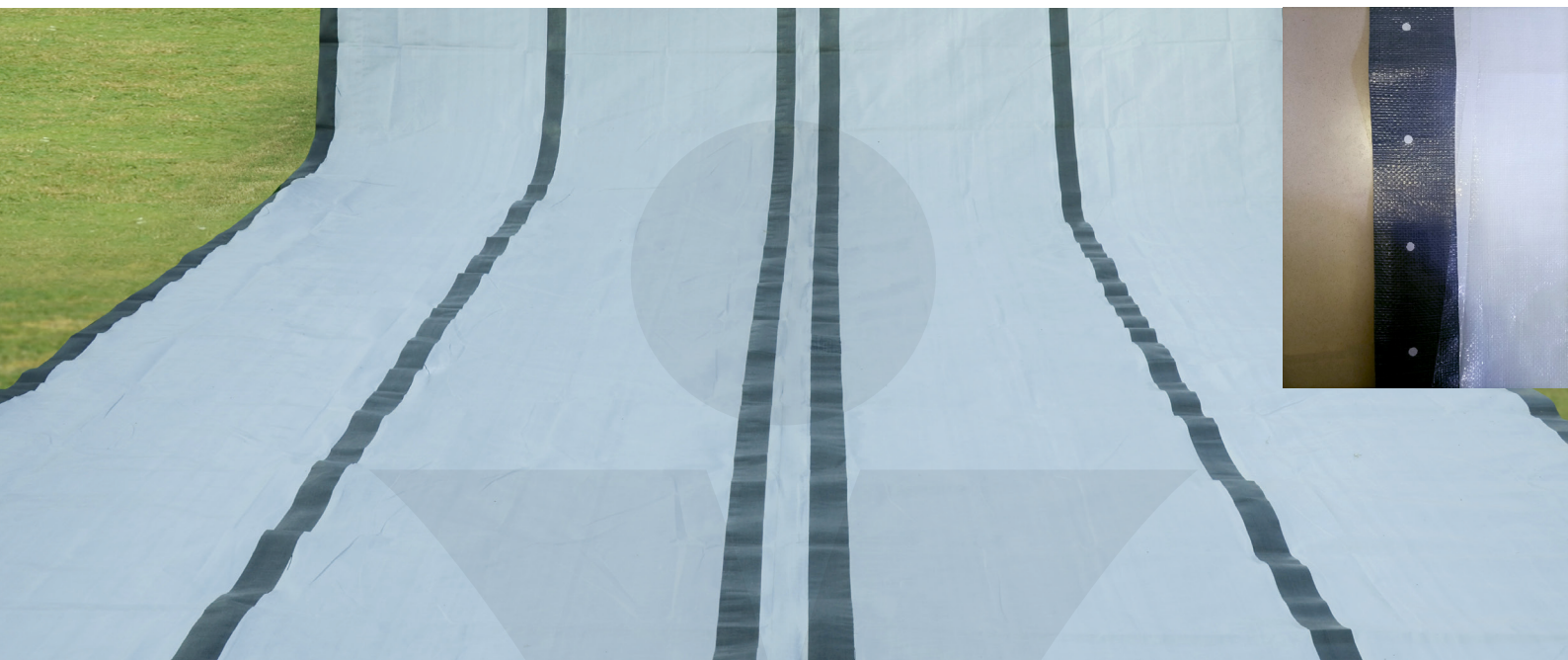
Waterproof



UV stabilised



Logo customisable



› Key Features

- » Woven flexible, band-reinforced tarpaulin in a sheet of 4 x 6 m or in a roll of 4 x 60 m developed by the International Research Project and designed for long outdoor use in all climates.
- » Features fire-retardant, waterproof, and UV-resistant properties.
- » Utilises woven high-density polyethylene (HDPE) black fibres fabric coated on both sides with a low-density polyethylene (LDPE) white coating.
- » Serves as a highly recommended option for family shelter protection.

› Dimensions and Weight

Width and length

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

› Technical Specifications

Materials

- » Woven HDPE black fibres fabric, double-side LDPE white coating, reinforced with 6 bands of 75 $\pm 3\%$ mm width woven black HDPE fibres fabric and coated outside in grey
- » Pre-punched 8 mm holes on the 2 side bands at 0.1 m $\pm 10\%$ intervals, positioned in the centre of the bands (only the reinforcement bands are pre-punched, not the tarpaulin itself)

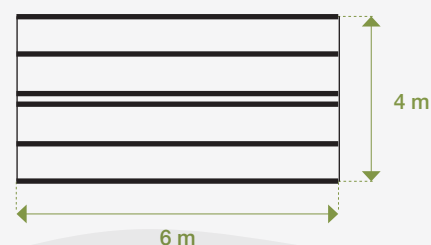
Tensile strength

Min 500N, 15-35% elongation in warp and weft in plain sheet under ISO 1421-1

UV resistance

After 1,500 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

**NRSRelief**www.nrsrelief.com



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Fire retardancy	Flame retardant EN13823+A1 Minimum class D, s2, d2
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 Pallets	Euro-2 Pallets
Content	5 pieces	16 bales (80 pieces)	24 bales (120 pieces)
Package dimensions	60 x 50 x 20 cm $\pm 20\%$ (without pallets)	56 x 39 x 25 cm $\pm 20\%$ (bale) 113 x 77 x 115 cm $\pm 20\%$ (pallet)	60 x 50 x 20 cm $\pm 20\%$ (bale) 120 x 100 x 130 cm $\pm 20\%$ (pallet)
Package weight	25 kg $\pm 10\%$	410 kg $\pm 10\%$	615 kg $\pm 10\%$
Package volume	0.060 m ³ $\pm 20\%$	1.00 m ³ $\pm 20\%$	1.56 m ³ $\pm 20\%$

› Container Loadability¹

Containers	Unpalletised	CRI Pallets	Euro-2 Pallets
20' GP	520 bales (2,600 pieces)	28 pallets (2,240 pieces)	Not Applicable
40' DC	1,100 bales (5,500 pieces)	60 pallets (4,800 pieces)	Not Applicable
40' HC	1,160 bales (5,800 pieces)	60 pallets (4,800 pieces)	42 pallets (5,040 pieces)

› Packing and Shipping - 4 x 60 m Roll

Packing Attributes	Bale Form		Roll Form	
	Unpalletised	Euro-2 Pallets	Without Steel Cages	Steel Cages
Content	01 roll	12 bales (12 rolls)	01 roll	40 rolls / cage (20' and 40' DC) 44 rolls / cage (40' HC)
Package dimensions	100 x 60 x 20 cm $\pm 20\%$	120 x 100 x 130 cm $\pm 20\%$	220 x 25 x 25 cm $\pm 20\%$	225 x 115 x 228 cm $\pm 20\%$ (20' and 40' DC) 225 x 115 x 250 cm $\pm 20\%$ (40' HC)
Package weight	50 kg $\pm 10\%$	615 kg $\pm 10\%$	50 kg $\pm 10\%$	2,150 kg $\pm 10\%$ (20' and 40' DC) 2,350 kg $\pm 10\%$ (40' HC)
Package volume	0.12 m ³ $\pm 20\%$	1.56 m ³ $\pm 20\%$	0.110 m ³ $\pm 20\%$	5.95 m ³ $\pm 20\%$ (20' and 40' DC) 6.47 m ³ $\pm 20\%$ (40' HC)

› Container Loadability¹

Containers	Unpalletised	Euro-2 Pallets	Without Steel Cages	Steel Cages
20' GP	210 rolls	NA	210 rolls	05 cages (200 rolls)
40' DC	460 rolls	NA	440 rolls	10 cages (400 rolls)
40' HC	520 rolls	52 pallets (504 pieces)	500 rolls	10 cages (440 rolls)

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.

