



Reinforced Plastic Tarpaulin

UNHCR/UNICEF Standard



Fire retardant



Waterproof



Rot-proof



UV stabilized



Logo customizable

› Key features

- » Fire retardant, waterproof, rotproof and UV-resistant¹
- » Reinforced plastic tarpaulin in 4 m x 5 m sheet or 4 m x 50 m roll developed by international research project and designed for long outdoor use in all climates
- » Made of woven high density black polyethylene (HDPE) fibers, warp x weft, laminated on both sides with low density polyethylene (LDPE) coating
- » Highly recommended for family shelter protection

› Dimensions

Width and length

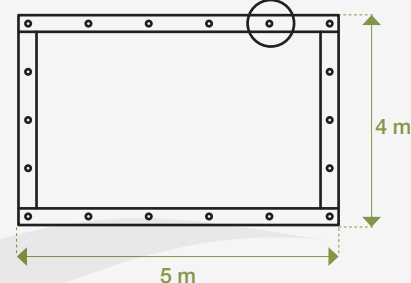
Size / Sheet 4 x 5 m $\pm 1\%$

Size / Roll 4 x 50 m $\pm 1\%$

› Materials

Sheet / roll	190 gsm ± 20 g/m ² woven Polyethylene (HDPE) inner black fibers, warp x weft, laminated on both sides with LDPE coating
Denier	Min 1,000
Tensile strength	Min 600N both directions warp and weft (BS 2576, 50 mm grab test or equivalent)
Tear strength	Min 100N both directions (BS 4303 wing tear or equivalent) or under ISO 4674 (A2)
UV resistance	Max 5% loss of original tensile strength under ISO 1421 after 1500 hours UV under ASTM G53/94 (UVB 313 nm peak)
Welding	Only one is allowed, lengthwise. Min resistance 80% of original tarpaulin tensile strength in the weft under ISO 1421 plus additional procedure
Eyelets	Aluminum reinforcement eyelets or equivalent on 4 sheet sides of single sheets at 100 cm (± 5) Centre to Centre, providing very strong fixation points

› Graphic reference



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› Packing and shipping

	4 x 5 m sheet Without pallets	4 x 5 m sheet CRI pallets	4 x 50 m roll Without pallets	4 x 50 m roll CRI pallets
Content	5 pcs	20 bales (100 pcs)	1 roll	12 bales (12 Roll)
Dimensions	56 x 39 x 20 cm ±20%	112 x 78 x 115 cm ±20%	78 x 56 x 18 cm ±20%	112 x 78 x 115 cm ±20%
Weight	20 kg ±20%	410 kg ±20%	36.5 kg ±20%	452 kg ±20%
Volume	0.044 cbm ±20%	1.005 cbm ±20%	0.099 cbm ±20%	1.005 cbm ±20%

› Estimated loadability²

Containers	4 x 5 m sheet Without pallets	4 x 5 m sheet CRI pallets	4 x 50 m roll Without pallets	4 x 50 m roll CRI pallets
20' GP	660 bales (3,300 pcs)	28 pallets (2,800 pcs)	380 rolls	28 pallets (336 rolls)
40' DC	1,300 bales (6,500 pcs)	60 pallets (6,000 pcs)	710 rolls	58 pallets (696 rolls)
40' HC	1,300 bales (6,500 pcs)	60 pallets (6,000 pcs)	710 rolls	58 pallets (696 rolls)

¹ Pass CPAI section 5 and 6 as per UNHCR standard with maximum 10s after flame average and maximum 30s after flame per test piece
Ageing under ISO 4892-2, type A, 360 hours.

² 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.



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