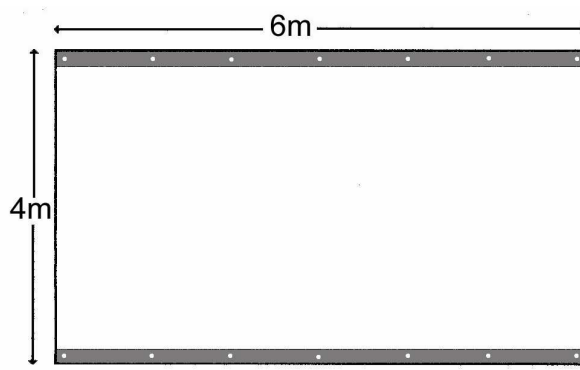


## Plastic Tarpaulins 4x6m with two reinforcement bands

<b>Material</b>	
Material for the tarpaulin	Woven high-density polyethylene (HDPE) black fibres fabric laminated on both sides with white low-density polyethylene (LDPE) coating. Preferably includes up to 15% recycled PE.
Reinforced fixation points	<p>Two bands of 75mm +/-4mm width made of woven black HDPE fibres fabric and coated with grey LDPE on the outside.</p> <p>Seven holes of 8mm +/-1mm on each bands at 1m +/-5% intervals, positioned in the centre of the bands, punched through the band and the tarpaulin.</p> <p>Position of the two bands and the holes as per drawing below. Side bands can be positioned at maximum 10mm from the edge.</p>
Manufacturing quality	The woven base as well as the coating must be homogeneous. The black fibres must cover the entire surface of the tarpaulin. Maximum one fibre missing or one space between fibres equal or above 5mm width on one tarpaulin.
Recycled PE definition	As described by the Circular Plastic Alliance of the EU commission in EN 45557 and the US Federal Trade Commission Green Guides in accordance with ISO14021 principles, recycled plastic includes post-industrial and post-consumer recycled waste, it excludes reworked material. In this last case, even though it is encouraged to re-use scrap from tarpaulins production, it does not count as material from recycled origin.
<b>Strength at state of origin and after UV exposure</b>	
Test pieces for tensile and tear tests.	Cut all test pieces parallel to the direction of the fibres, in warp and in weft. The fibres should run from one end to the other end of each test piece.
Tear strength at state of origin	Minimum 150N under ISO 4674-1B 2003, with a test piece of 200x200mm as described in ISO 4674 annex B.
Tensile strength at state of origin	Minimum 750N and 15% to 35% elongation in warp and weft under ISO 1421-1.
UV resistance ASTM G53 ISO 1421-1	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 actual product.
Cut resistance EN 388-6.2	Minimum index 2.5 Test 2 test pieces from one sample.
Tensile strength in the fixation points	Minimum 900N when pulling inside the fixation points as per ISO 1421-1, pulling perpendicular to the tarpaulin edge with a hook of 8mm wire diameter. Test 3 pieces of 200mm wide by 500mm long from each side of the tarpaulin.
Welding and strength at state of origin	Only one welding allowed, in the middle of the sheet, lengthwise. The tarpaulin tensile strength crosswise at the place of the welding under ISO 1421-1 must be minimum 50% of the original value of the actual product.
<b>Size, weight, colour, opacity, fire resistance</b>	
Width	4 m ± 1% net width

Length	6m minimum net length
Specific weight of the tarpaulin plain sheet.	170g/m <sup>2</sup> ± 10g under ISO 3801 (equivalent to 160g/m <sup>2</sup> minimum to 180g/m <sup>2</sup> maximum)
Weight of the complete tarpaulin	Total weight of the 24m <sup>2</sup> tarpaulin: approximately 3.9kg to 4.5kg Specific weight of the bands from 150g/ m <sup>2</sup> to 200g/m <sup>2</sup>
Flame retardant EN13823+A1	Minimum class D, s2, d2. Minimum time to reach large wing external edge: 4minutes (LFS) Presence of FR additives (bromine, antimony, etc) is not permitted
Colour ISO 105J01	Inner black fibres to ensure opacity. White coating on both sides of the sheet as per: L.a.b Coordinates: minimum "L": 82 "a" value between -1.7 and +1.5 "b" value between -4.5 and 0
Opacity measured as minimum reflection and maximum transmission, in the range of visible light and near infrareds. ISO 13468-1	Values should be measured respectively from 350 to 750nm, and from 750 to 2500nm wavelength. The result is the average of the averages in each range. Minimum total reflection: 35% Maximum total reflexion: 55% Maximum total transmission: 5% Absorption: remaining balance to reach 100%
<b>Marking, packing</b>	
Printing	Long lasting indelible printing in black or white colour of the manufacturer name, the month and year of production (letters of 25mm +/-10%) and of the recycling signs for LDPE and HDPE, of the user's guide, and of the "do not burn" sign. The signs size is between 50mm to 70mm. Printing is continuous at least one every meter, on one band or on the tarp. Customer logo on request.
Bale dimensions	Length: 600mm; Width: 400mm; Height: 180mm (all +/-20%) There must be 5 tarpaulins per bale
Bale marking	As per indicated in contract.
Bale protection	The bale must be wrapped with a piece of the same tarpaulin material. The wrapping must be properly folded, closely tight to the bale content, making a well-shaped cubic bale. The tarpaulins are not individually wrapped.
Bale strapping	The bale must be strapped with 2 heat-sealed plastic straps for the length and 2 for the cross.

*"For easiness of production for 4m tarpaulins made with two parts of 2m assembled with a central weld, it is permitted to add two extra bands on either side of the central weld. That makes a total of 4 bands on the tarpaulin. These 2 extra bands should be white coated so that there are not visible. These 2 extra bands should be 50mm wide only to reduce the extra plastic consumption. This is not included in the standard specification, as it is a temporary authorization valid till the next review by end 2025."*



Drawing is not to scale

Recycling and do not burn logos



User's guide

