7696622227PROCBranch

SPECIFICATIONS OF PLASTIC SHEET (50 x 4)

GENERAL INFORMATION AND DESCRIPTION

Reinforced plastic tarpaulin in bales or rolls of 4 x 50 meters was developed by an international research project and was designed for long outdoor use in all climates and to be used for simple temporary community shelter protection. Several other uses include, covering damaged structures, upgrading of tents and shelters, building of latrine's fencing, health centers, ground sheet or food mound protection.

Technical Specification

1.	Finished size for each plastic bale or roll	4 X 50 meters ±1%
2.	Material:	Made of woven high-density black polyethylene (HDPE) fibers, warp x weft, laminated on both sides with low density polyethylene (LDPE) coating
3.	Material weight:.	Minimum 190 g/m² ±20 g/m²
4.	Tensile strength:	Minimum 600 N both directions of warp and weft (BS 2576, 50 mm grab test, or equivalent).
5.	Tear strength:	Minimum 100 N both directions (BS 4303 wing tear or equivalent) or under ISO 4674 (A2).
6.	UV resistance:	Stabilized against ultraviolet rays and excess heat for long outdoor exposure. Maximum 5% loss on original tensile strength under ISO 1421 after 1500 hours UV under ASTM G53/94 (UVB 313 nm peak).
7.	Welding:	Only one (01) is allowed along the middle of the sheet, length wise. Minimum resistance is 80% of the original tarpaulin tensile strength in the weft under ISO 1421 plus additional procedure
8.	Color:	White sun reflective on both sides. Inner black fibers to ensure opacity
9.	Total weight per tarpaulin:	33.66 to 43.35 kg
10.	Total weight per bale:	34.06 to 43.83 kg
11.	Gross volume per piece / bale:	approx. 0.0743 m³ :
12.	Bale dimensions	56 x 78 x 17 cm
13.	Packing in Bales	The 4 x 50 m tarpaulins are packed individually on 56 x 78 x 17 cm bales (for maximum loading capacity on Euro pallets), folded in the middle and tied. Wrapped in polyethylene, sealed with a polyester band.
14.	Optional Packing in Rolls	In order to maximize loadability in pallets and containers, it is ideal is to pack the 4 x 50 m tarpaulins centre folded lengthwise and tightly rolled. The product is to be wrapped in polyethylene, and sealed with a polyester band.
15.	Optimal Shipping / Container Information	380 bales per 20'DC (without pallets). 710 bales per 40'DC (without pallets). 710 bales per 40' HC (without pallets). 336 bales per 20' DC (with pallets).

CO-3rd Bn

CO-6th Bn

CO-7th Bn

DG (NDRF)

IG (NDRF)

CO-1st Bn

Nominee of FA

DIG (PSOV)

Rep. of DDMA

CO-1st Bn

		696 bales per 40'DC (with pallets). 696 bales per 40' HC (with pallets).
16.	Pallet Details	Dimensions (W x L x H): 780 x 1120 x 144 mm. Maximum height of the packed pallet: 115 cm. Pallets should be shrink-wrapped and strapped. The palletized goods must not exceed the length and width of the pallet
17.	Manufacturer Marking	Every tarpaulin sheet 4 x 50 m should include a tag stitched at joint, with the manufacturer identification (letters not higher than 2.5 cm). The tag should include the manufacture's name, unique reference batch number and the date of manufacturing. No company logo should be included with the manufacturer's marking
18.	Expected Life Span	It is expected that Reinforced Plastic Tarpaulin in bales or rolls 4 x 50 m will maintain sheltering and waterproof capacities for one year under the strongest tropical conditions.
19	Reference Information	For additional information about the use of this product see: http://www.plastic-sheeting.org http://www.sheltercentre.org/library

NOTE

01. Supplier should produce a valid test reports from Central Govt./NABL/ILAC Lab covering all the parameters as per Specification.

02 A line with "NDRF INDIA" logos must be printed on both sides of the plastic bale or roll, one meter from the bottom edge of the long side on the Plastic Sheet. The size of logo is 45 cm wide and 55 cm height. Alternatively, the size of the logo could be 50 cm wide x 60 cm height. The distance (space) between each logo should be no longer than 60 cm or shorter than 40 cm.
Typeface (Font), Colour specifications for printing:
Font: Helvetica Bold. Colour specification: Pantone Blue 300 or quadric-chrome (CMYK).
C = 100%, M = 45%, Y = 0%, K = 0%.

NDRF - INDIA
Saving Lives & Beyond...

19/5
DG(NDRF)

IG(NDRF)

****

19/4
DIG(Prov.)

19/4
Co. 1st Bn

Co-3rd Bn

19/4/18
Nominee of FA

19.4
Rep. of DDMA

Co-6th Bn

Co-7th Bn