

Description

Plastic sheeting (also known as plastic tarpaulin, tarp, or polythene sheet) is a sheet of strong, flexible, water resistant or waterproof material. Plastic sheeting is one of the most widely distributed non-food relief items used in humanitarian operations.

For families displaced by conflicts or whose homes have been damaged by disasters, plastic sheeting can be used for temporary shelter.



Specifications

Material :Woven high-density polyethylene (HDPE) black fibers fabric laminated on both sides with low density polyethylene (LDPE) coating. Reinforced with 6 bands of 7.5cm width made of woven black HDPE fibers fabric and coated outside. Position of bands as per drawing attached.

Tensile strength : Minimum 50DaN and 15% to 25% elongation in warp and weft outside of the reinforcement bands under ISO 1421. Minimum 70DaN inside the reinforcement bands as per ISO 1421 plus the additional procedure.

Tear strength : Minimum 10DaN under ISO 4674 (A2) outside of the reinforcement bands.

Welding : Only one welding allowed, in the middle of the sheet, length wise. Minimum resistance is 80% of the original tarpaulin tensile strength in weft under ISO 1421 plus additional procedure.

UV resistance : Maximum 5% loss on original tarpaulin tensile strength under ISO 1421 after 1500 hours UV under ASTM G53/94 (UVB 313 nm peak), to be tested outside and inside the reinforcement bands.

Width : 4 m standard size \pm 1% net width Length Sheet of 6 meter, or rolls of 60 meters

Weight :200g/m² \pm 5%, plus 10% for the reinforcement bands under ISO 3801.

Temperature resistance :Temperature resistant from -20 to 80 C. Features Water, rot, soil and fauna resistant. Long outdoor use life in all climates. Flammability : Flash point above 200C.

Colour : White sun reflective both sides, grey bands. Inner black fibers to ensure opacity.

Printing : For rolls every 6m, for pieces on each piece, Manufacturer name, month and year of production (Letters of 2.5cm [1 inch] high maximum). One length indicator mark every meter / Customer logo on request.

First level of packaging

Length: 0.60m
Width: 0.40m
Height: 0.04m
Volume: 0.096 m3
Gross Weight: 4.9 kg
Net Weight: 4.9 kg

Second level of packaging

Length: 0.60m
Width: 0.40m
Height: 0.25m
Volume: 0.06 m3
Gross Weight: 25 kg
Net Weight: 25 kg

Third level of packaging

Length: 1.20m
Width: 0.80m
Height: 1,05m
Volume: 1,008 m3
Gross Weight: 430 kg
Net weight: 420 kg

Unit of measure: Tarpaulin (each)**Unit of measure: Bale (5 tarpaulins each)****Unit of measure Pallet (16 bales each)****Loading quantities:**

20ft container - 22 Pallets = 1760 PCS

40ft container - 46 Pallets = 3680 PCS

40ft HC container - 46 Pallets = 4600 PCS