

**PLANT PURCHASE SPECIFICATION****NO: BHEL/FSIP/STM/TS:010****FSIP, JAGDISHPUR****REV NO: 02****DEPARTMENT: STAMPING PRODUCTION****REV DATE: 21.01.2020****HDPE PACKAGING SHEETS -TARPAULIN 120 GSM****1. GENERAL:**

This specification governs the quality waterproof woven High Density Poly Ethylene (HDPE) fabric packaging sheets (tarpaulin) laminated on both sides with low density polyethylene (LDPE) coating.

2. APPLICATION:

Used for waterproof packing and allied purposes.

3. TECHNICAL REQUIREMENTS:

Size (Seamless): Width: 2200 mm & 2800 mm ($\pm 2\%$), Length: 100 M ($\pm 5\%$)

Weight of Sheet = 120($\pm 5\%$) GSM with

Tensile Strength: MD: 650 N (Min), and CD: 600 N (Min)

Elongation: 18% Min at break

Layer 1: LDPE Lamination,

Layer 2: HDPE Fabric with Mesh Size of 10 X 10

Layer 3: LDPE Lamination

Colour: Grey or white

Properties: Waterproof, Dustproof, Good Tear, Virgin material, Long life (min 2 years)

4. FREEDOM FROM DEFECTS:

Sheets should not stick together to such an extent that causes tearing or injury to the sheets when unrolled or separated. Sheet shall also not show any appreciable loss of coating or impregnate in normal handling operations.

5. APPEARANCE, ODOR AND HAZARD:

The sheets should be odourless and shall not produce obnoxious vapours in such concentration so as to cause annoyance or health hazard to the persons handling them.

6. PACKING:

Each roll and package shall be packed suitably to avoid ingress of moisture during transit and storage.

7. INSPECTION:

Inspection will be carried out at BHEL works with this specification. If required, inspection may also be carried out at supplier's work. Supplier has to submit all Test certificates along with consignment.

8. GUARANTEE:

Guarantee certificate to be given for any manufacturing defects along with its consignment for free replacement within 6 months from the date of receipt at stores.

	Prepared By	Checked By	Approved By
Signature			
Name/Designation	Manmeet Kumar	R B Yadav	S Chandrashekar
Designation	Sr Engineer/PPC-CS	Sr Manager/PROD, PPC	AGM/MM, PROD, PPC, COMML