

DRAFT TEST CERTIFICATE

Materials - Manufactured & Tested as per Specification No. IEC: 61111:2009

Test Report No.: xxxx

Customer Name: xxxx

Order No. & Date: xxxx

Description: Electrical Insulating Mats as per IEC 61111:2009, Class 4

Dimension: 4.5mm thick x 1M wide x 10M length

Colour: Black

Antiskid Design: Both Side Textured

Date of Testing: xxxx

Lot No.: xxxx

Quantity: xxxx

| Sl. No. | Tests | Unit | Requirement | Actual | Remarks |
|---------|--|------|-------------------------------------|------------------|---------|
| 1. | <u>Dimensions</u> | | | | |
| 1.a. | a) Length ($\pm 2\%$) | mm | 10000 | 10080 | OK |
| 1.b. | b) Width ($\pm 5\%$) | mm | 1000 | 1010 | OK |
| 1.c. | c) Thickness ($\pm 10\%$) | mm | 4.5 | 4.72 | OK |
| 2. | <u>Mechanical Tests</u> | | | | |
| 2.a. | a) Mechanical Puncture Resistance Test | N | 70 | 94.31 | OK |
| 2.b. | b) Slip Resistance Test | N | 50 | 76 | OK |
| 3. | <u>Dielectric Tests</u> | | | | |
| 3.a. | Ac Proof Voltage Test | KV | Shall withstand 40 KV. for 1 Min. | Withstood 40 KV. | OK |
| 4.a. | Ac Dielectric Strength Test | KV | Shall reach 50 KV. without failure. | Reached 50 KV. | OK |

CIN - U25209WB2017PTC220480

Insulating Mats | Rubber Sheets & Mats | Rubber Lining | Rubber Hoses | Conveyor & V-Belts | PVC Products

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Duratuf Products Pvt. Ltd.
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| | | | | | |
|---|---|---|--|-------|----|
| 5. | <u>Chemical Resistance Test</u> | | | | |
| 5.a | Ageing Test (168hrs. At 70°C) Puncture Resistance, N | N | Min. 80% of 2a > 75.44 | 88.43 | OK |
| 5.b. | Acid Resistance Test After immersion in 32° Baume Sulphuric acid at 25°C for 8 hours Puncture Resistance, N | N | Min. 75% of 2a >70.73 | 84.36 | OK |
| 7. | Oil Resistance Test After immersion in 100 Hydraulic oil at 70° for 24 hours Puncture Resistance | N | Min. 75% of 2a >70.73 | 80.49 | OK |
| 8. | <u>Thermal Test</u> | | | | |
| | a) Flame Retardance Test | Flame does not reach any point on a 50mm diameter circle | Flame did not reach any point on 50mm diameter from the center of the test piece | | OK |
| | b) Low Temperature Resistance Test | No Crack, Tear or Breakdown | No crack, tear or breakdown observed. | | OK |
| Conclusion/Remarks: Certified that the above materials have been manufactured and tested as per Specification No. IEC: 61111:2009 & latest amendment. The results obtained are satisfactory in all respects. | | | | | |

For, Duratuf Products Private Limited



Authorized Signatory

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