



# TEST REPORT

**TO:** **PROTEX CHEM**  
PLOT 40-B, SINDHI MUSLIM  
COOPERATIVE HOUSING SOCIETY BLOCK  
B SINDHI MUSLIM CHS (SMCHS),  
KARACHI

**LAB NO.:** (7325) 358-0001  
**FORM NO.:** /  
**DATE IN:** December 24, 2025  
**TESTING DATE:** December 26, 2025  
**REVISED DATE:** /  
**DATE OUT:** December 29, 2025  
**BUYER:** **SELF REFERENCE**  
**NO. OF WORKING DAYS:** 04  
**PAGE 1 OF 4**

**ATTN:** **MR. ALTAF PAREKH**

## OVERALL RATING

**PASS** \_\_\_\_\_  
**FAIL** \_\_\_\_\_  
**DATA** **X** \_\_\_\_\_

|                              |                   |                              |             |
|------------------------------|-------------------|------------------------------|-------------|
| <b>Vendor:</b>               | PROTEX CHEM       | <b>Agent:</b>                | /           |
| <b>Fabric Supplier/Mill:</b> | /                 | <b>Factory/Manufacturer:</b> | PROTEX CHEM |
| <b>P.O. No.:</b>             | /                 | <b>Style No.:</b>            | /           |
| <b>Sample Description:</b>   | HLC/1/500/PANTONE | <b>Style Description:</b>    | /           |
| <b>Color:</b>                | PANTONE           | <b>Country of Origin:</b>    | PAKISTAN    |
| <b>Fabric Weight:</b>        | /                 | <b>Claimed Fabric Count:</b> | /           |
| <b>Buyer's Name</b>          | /                 | <b>Submitted Size:</b>       | A4 SIZE     |
| <b>Size Range:</b>           | /                 | <b>Finishing:</b>            | /           |
| <b>GPU No.:</b>              | /                 | <b>End Use:</b>              | /           |

|                             |                                 |
|-----------------------------|---------------------------------|
| <b>Product Category:</b>    | LEATHER SWATCH                  |
| <b>Test Requested:</b>      | SPECIFIC TEST SEE PROPERTY LIST |
| <b>Previous Report No.:</b> | /                               |

|                                          |   |
|------------------------------------------|---|
| <b>Submitted Fiber Content:</b>          | / |
| <b>Actual Fiber Content:</b>             | / |
| <b>Suggested Fiber Content:</b>          | / |
| <b>Submitted Care Instruction(s):</b>    | / |
| <b>Client Expected Care Instruction:</b> | / |
| <b>Suggested Care Instruction(s):</b>    | / |

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| TEST PROPERTY                                      | PASS | FAIL | DATA | COMMENTS                |
|----------------------------------------------------|------|------|------|-------------------------|
| RESISTANCE OF GLOVE MATERIALS TO WATER PENETRATION |      |      | X    | LEVEL OF PERFORMANCE: 4 |

**TECHNICAL  
QUESTIONS:**

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| <b>TEST RESULTS</b>  |  |                     |
|----------------------|--|---------------------|
| <b>TEST PROPERTY</b> |  | <b>REQUIREMENTS</b> |
|                      |  |                     |

□ § 4.2- RESISTANCE OF GLOVE MATERIALS TO WATER PENETRATION: (EN 420: 2003 A1:2009 Clause 4.2) / (ISO 20344 :2021: Clause 6.13)

□ MACHINE USED: PROLIFIC PENETROMETER TESTER (WPT-001)

#### 6.4.2 TEST APPARATUS SPECIFICATION

| Diameter of grips | Flexing frequency | Travel of moving grip                                 | Force exerted by electrodes | Test specimen dia | Requirements |
|-------------------|-------------------|-------------------------------------------------------|-----------------------------|-------------------|--------------|
| 30mm              | 50 cycles/min     | 2.0mm (5%), 3.0mm (7.5%)<br>4.0mm (10 %), 6.0mm (15%) | 1-2N                        | 60 X 75mm         | /            |

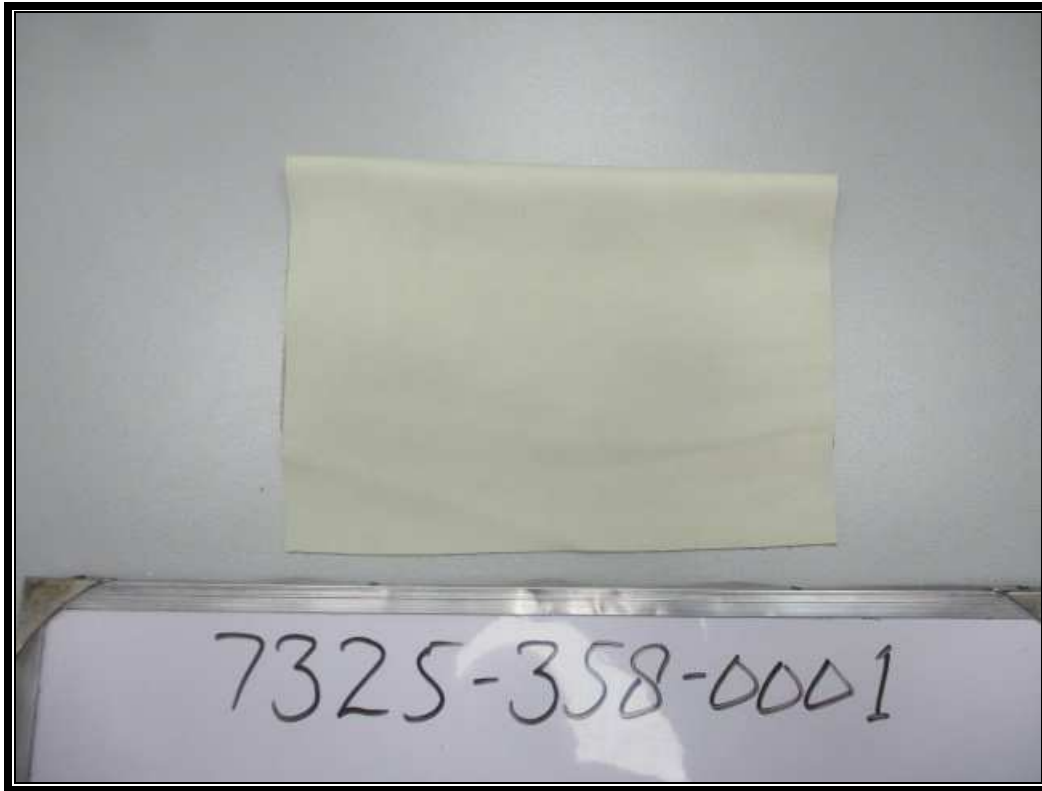
**Result: -** For leather gloves: 5.12 of EN 344-1:1992. The results shall be reported according to Table 1.

| Specimen #           | Time of penetration (Minutes) |
|----------------------|-------------------------------|
| 1                    | GREATER THEN 180              |
| 2                    | GREATER THEN 180              |
| 3                    | GREATER THEN 180              |
| 4                    | GREATER THEN 180              |
| Level of Performance | 4                             |
| Conclusion           | DATA                          |

**Table 1 — Levels of performance — resistance to water penetration according to 5.12 of EN 344-1:1992**

| Level of performance | Time of penetration min |
|----------------------|-------------------------|
| 1                    | 30                      |
| 2                    | 60                      |
| 3                    | 120                     |
| 4                    | 180                     |

**DIGITAL PICTURE**



\*\*\*\*\*END OF TEST REPORT\*\*\*\*\*