

DIN EN ISO 15496:2018-08 (E)

Textiles - Measurement of water vapour permeability of textiles for the purpose of quality control (ISO 15496:2018)

| Contents | Page |
|---|-------------|
| European foreword | 3 |
| Foreword | 4 |
| 1 Scope | 5 |
| 2 Normative references | 5 |
| 3 Terms and definitions | 5 |
| 4 Symbols and abbreviated terms | 6 |
| 5 Principle | 6 |
| 6 Apparatus | 6 |
| 7 Preparation | 7 |
| 7.1 Specimens | 7 |
| 7.2 Measuring cups | 7 |
| 8 Test procedure | 8 |
| 8.1 Inserting the specimen and equilibration | 8 |
| 8.2 Placing the measuring cups on the bath | 8 |
| 8.3 Check for waterproofness of the specimen holder membrane | 8 |
| 9 Calculation and expression of results | 8 |
| 10 Precision of results | 8 |
| 10.1 Repeatability | 8 |
| 10.2 Reproducibility | 9 |
| 11 Test report | 9 |
| Annex A (informative) Water vapour permeability — Classification of test results | 13 |
| Annex B (informative) Physical principle behind the test method | 14 |
| Annex C (informative) Dry desiccant cup methods | 16 |
| Bibliography | 17 |