

# DIN EN ISO 11058:2010-11 (E)

## Geotextiles and geotextile-related products - Determination of water permeability characteristics normal to the plane, without load ( ISO 11058:2010)

---

<b>Contents</b>		<b>Page</b>
<b>Foreword</b> .....		<b>3</b>
<b>1</b> <b>Scope</b> .....		<b>4</b>
<b>2</b> <b>Normative references</b> .....		<b>4</b>
<b>3</b> <b>Terms and definitions</b> .....		<b>4</b>
<b>4</b> <b>Test specimens</b> .....		<b>5</b>
4.1 <b>Handling</b> .....		<b>5</b>
4.2 <b>Selection</b> .....		<b>5</b>
4.3 <b>Number and dimensions</b> .....		<b>5</b>
4.4 <b>Condition of specimens</b> .....		<b>5</b>
<b>5</b> <b>Constant head method</b> .....		<b>5</b>
5.1 <b>Principle</b> .....		<b>5</b>
5.2 <b>Apparatus</b> .....		<b>5</b>
5.3 <b>Procedure</b> .....		<b>6</b>
5.4 <b>Calculation and expression of results</b> .....		<b>7</b>
<b>6</b> <b>Falling head method</b> .....		<b>7</b>
6.1 <b>Principle</b> .....		<b>7</b>
6.2 <b>Apparatus</b> .....		<b>8</b>
6.3 <b>Procedure</b> .....		<b>9</b>
6.4 <b>Calculation and expression of results</b> .....		<b>9</b>
<b>7</b> <b>Test report</b> .....		<b>10</b>
<b>Annex A (informative) Determination of the correction factor, <math>R_T</math>, to a water temperature of 20 °C</b> ...		<b>15</b>
<b>Annex B (informative) Relationship between head loss and flow velocity</b> .....		<b>17</b>
<b>Annex C (informative) Velocity index</b> .....		<b>19</b>
<b>Annex D (informative) Experimental data and calculations</b> .....		<b>20</b>