

# ISO 10319:2024-10 (E)

## Geosynthetics - Wide-width tensile test

---

<b>Contents</b>		<b>Page</b>
Foreword		iv
<b>1</b>	<b>Scope</b>	<b>1</b>
<b>2</b>	<b>Normative references</b>	<b>1</b>
<b>3</b>	<b>Terms and definitions</b>	<b>1</b>
<b>4</b>	<b>Principle</b>	<b>5</b>
<b>5</b>	<b>Reagents</b>	<b>5</b>
<b>6</b>	<b>Apparatus</b>	<b>5</b>
<b>7</b>	<b>Conditioning atmosphere</b>	<b>12</b>
	7.1 General	12
	7.2 Conditioning for testing in wet condition	13
	7.3 Conditioning for testing at lower or higher temperatures	13
<b>8</b>	<b>Test procedure</b>	<b>13</b>
	8.1 Setting up the tensile testing machine	13
	8.2 Insertion of the test specimen in the jaws	13
	8.3 Installation of the extensometer	13
	8.4 Measurement of tensile properties	13
	8.5 Measurement of strain	14
<b>9</b>	<b>Calculations</b>	<b>14</b>
	9.1 Strain	14
	9.2 Tensile strength	15
	9.3 Tensile strain at maximum tensile force	16
	9.4 Tensile strain at nominal tensile strength	16
	9.5 Secant tensile stiffness	16
<b>10</b>	<b>Test report</b>	<b>16</b>
<b>Annex A (normative)</b>	<b>Procedure for tests at low and elevated temperatures</b>	<b>18</b>