

# ISO/TR 18228-6:2023-12 (E)

## Design using geosynthetics - Part 6: Protection

---

<b>Contents</b>	<b>Page</b>
<b>Foreword</b> .....	<b>iv</b>
<b>Introduction</b> .....	<b>v</b>
<b>1 Scope</b> .....	<b>1</b>
<b>2 Normative references</b> .....	<b>1</b>
<b>3 Terms, definitions and symbols</b> .....	<b>1</b>
3.1 Terms and definitions .....	1
3.2 Symbols .....	1
<b>4 Concepts and fundamental principles</b> .....	<b>1</b>
<b>5 Design approaches for protection</b> .....	<b>3</b>
<b>6 Laboratory testing for protection</b> .....	<b>6</b>
6.1 General.....	6
6.2 Index testing.....	6
6.2.1 Burst strength and elongation (ISO 12236).....	6
6.2.2 Tear strength (ISO 9073-4).....	6
6.2.3 Mass (ISO 9864) and thickness (ISO 9863-1).....	6
6.2.4 Needle free.....	6
6.3 Field testing.....	6
6.4 Performance-index testing.....	7
6.4.1 General.....	7
6.4.2 Undertaking and reporting of the cylinder test.....	7
<b>7 Handling and installation</b> .....	<b>11</b>
<b>8 Identification</b> .....	<b>12</b>
<b>Bibliography</b> .....	<b>13</b>