

# ISO 8521:2009-08 (E)

## Plastics piping systems - Glass-reinforced thermosetting plastics (GRP) pipes - Test methods for the determination of the apparent initial circumferential tensile strength

<b>Contents</b>		<b>Page</b>
Foreword .....		iv
<b>1</b>	<b>Scope .....</b>	<b>1</b>
<b>2</b>	<b>Terms and definitions .....</b>	<b>1</b>
<b>3</b>	<b>Principle .....</b>	<b>2</b>
<b>3.1</b>	<b>General .....</b>	<b>2</b>
<b>3.2</b>	<b>Method A .....</b>	<b>3</b>
<b>3.3</b>	<b>Method B .....</b>	<b>3</b>
<b>3.4</b>	<b>Methods C, D and E .....</b>	<b>3</b>
<b>3.5</b>	<b>Method F .....</b>	<b>3</b>
<b>4</b>	<b>Apparatus .....</b>	<b>3</b>
<b>4.1</b>	<b>For method A .....</b>	<b>3</b>
<b>4.2</b>	<b>For method B .....</b>	<b>5</b>
<b>4.3</b>	<b>For method C .....</b>	<b>6</b>
<b>4.4</b>	<b>For method D .....</b>	<b>6</b>
<b>4.5</b>	<b>For method E .....</b>	<b>6</b>
<b>4.6</b>	<b>For method F .....</b>	<b>7</b>
<b>5</b>	<b>Test pieces .....</b>	<b>8</b>
<b>5.1</b>	<b>For method A .....</b>	<b>8</b>
<b>5.2</b>	<b>For method B .....</b>	<b>8</b>
<b>5.3</b>	<b>For method C .....</b>	<b>9</b>
<b>5.4</b>	<b>For method D .....</b>	<b>10</b>
<b>5.5</b>	<b>For method E .....</b>	<b>11</b>
<b>5.6</b>	<b>For method F .....</b>	<b>12</b>
<b>5.7</b>	<b>Number of test pieces .....</b>	<b>13</b>
<b>6</b>	<b>Conditioning .....</b>	<b>14</b>
<b>7</b>	<b>Test temperature .....</b>	<b>14</b>
<b>8</b>	<b>Procedure .....</b>	<b>14</b>
<b>8.1</b>	<b>For method A .....</b>	<b>14</b>
<b>8.2</b>	<b>For method B .....</b>	<b>14</b>
<b>8.3</b>	<b>For method C .....</b>	<b>15</b>
<b>8.4</b>	<b>For method D .....</b>	<b>15</b>
<b>8.5</b>	<b>For method E .....</b>	<b>15</b>
<b>8.6</b>	<b>For method F .....</b>	<b>15</b>
<b>9</b>	<b>Calculation .....</b>	<b>16</b>
<b>9.1</b>	<b>For method A .....</b>	<b>16</b>
<b>9.2</b>	<b>For method B .....</b>	<b>16</b>
<b>9.3</b>	<b>For methods C, D and E .....</b>	<b>17</b>
<b>9.4</b>	<b>For method F .....</b>	<b>17</b>
<b>10</b>	<b>Test report .....</b>	<b>17</b>