

# ISO 6993-2:2006-06 (E)

**Buried, high-impact poly(vinyl chloride) (PVC-HI) piping systems for the supply of gaseous fuels - Part 2: Fittings for a maximum operating pressure of 200 mbar (20 kPa)**

---

<b>Contents</b>		<b>Page</b>
<b>Foreword</b> .....		<b>iv</b>
<b>1</b>	<b>Scope</b> .....	<b>1</b>
<b>2</b>	<b>Normative references</b> .....	<b>1</b>
<b>3</b>	<b>Terms, definitions, symbols and abbreviated terms</b> .....	<b>2</b>
<b>4</b>	<b>Material</b> .....	<b>2</b>
<b>5</b>	<b>General characteristics of fittings</b> .....	<b>3</b>
<b>6</b>	<b>Geometrical characteristics</b> .....	<b>3</b>
<b>7</b>	<b>Physical characteristics</b> .....	<b>7</b>
<b>8</b>	<b>Mechanical characteristics</b> .....	<b>8</b>
<b>9</b>	<b>General requirements for fittings</b> .....	<b>9</b>
<b>10</b>	<b>Performance requirements</b> .....	<b>9</b>
<b>11</b>	<b>Test methods</b> .....	<b>11</b>
<b>12</b>	<b>Marking</b> .....	<b>11</b>
<b>Annex A (normative) Determination of resistance to gas constituents</b> .....		<b>12</b>
<b>Annex B (normative) Determination of leaktightness of fitting joints by internal air pressure, with and without mechanical loading</b> .....		<b>14</b>
<b>Annex C (normative) Determination of leaktightness of fitting joints under negative pressure and mechanical loading</b> .....		<b>16</b>
<b>Bibliography</b> .....		<b>18</b>