

# ISO 11237-1:2004-01 (E)

## Rubber hoses and hose assemblies - Wire-braid-reinforced compact types for hydraulic applications - Specification - Part 1: Oil-based fluid applications

---

<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>Classification .....</b>	<b>2</b>
<b>4</b>	<b>Materials and construction .....</b>	<b>2</b>
<b>4.1</b>	<b>Hoses .....</b>	<b>2</b>
<b>4.2</b>	<b>Hose assemblies .....</b>	<b>2</b>
<b>5</b>	<b>Dimensions .....</b>	<b>2</b>
<b>6</b>	<b>Hose requirements .....</b>	<b>3</b>
<b>6.1</b>	<b>Hydrostatic requirements .....</b>	<b>3</b>
<b>6.2</b>	<b>Minimum bend radius .....</b>	<b>3</b>
<b>6.3</b>	<b>Resistance to impulse .....</b>	<b>4</b>
<b>6.4</b>	<b>Leakage of hose assemblies .....</b>	<b>4</b>
<b>6.5</b>	<b>Cold flexibility .....</b>	<b>4</b>
<b>6.6</b>	<b>Adhesion between components .....</b>	<b>4</b>
<b>6.7</b>	<b>Vacuum resistance .....</b>	<b>5</b>
<b>6.8</b>	<b>Abrasion resistance .....</b>	<b>5</b>
<b>6.9</b>	<b>Fluid resistance .....</b>	<b>5</b>
<b>6.10</b>	<b>Ozone resistance .....</b>	<b>6</b>
<b>7</b>	<b>Designation .....</b>	<b>6</b>
<b>8</b>	<b>Marking .....</b>	<b>6</b>
<b>8.1</b>	<b>Hoses .....</b>	<b>6</b>
<b>8.2</b>	<b>Hose assemblies .....</b>	<b>6</b>
<b>Annex A (informative) Recommendations for lengths of supplied hoses and hose assemblies .....</b>		<b>7</b>
<b>Bibliography .....</b>		<b>8</b>