

# ISO 15027-2:2026-04 (E)

## Immersion suits - Part 2: Safety and performance requirements for abandonment suits

---

### Contents

Page

Foreword.....	iv
Introduction.....	v
<b>1 Scope.....</b>	<b>1</b>
<b>2 Normative references.....</b>	<b>1</b>
<b>3 Terms and definitions.....</b>	<b>2</b>
<b>4 Requirements and guidance.....</b>	<b>4</b>
4.1 General.....	4
4.2 Basic health and ergonomic requirements.....	5
4.2.1 Innocuousness.....	5
4.2.2 Design.....	5
4.2.3 Comfort.....	5
4.3 Accessories.....	6
4.4 Buddy lines.....	6
4.5 Conspicuity.....	6
4.5.1 Colour.....	6
4.5.2 Retro-reflective material.....	8
4.5.3 Emergency-position-indicating lights.....	8
4.6 Foam flotation material.....	8
4.7 Flammability.....	8
4.8 Temperature cycling.....	8
4.9 Water ingress.....	8
4.10 Thermal protection in water.....	8
4.11 Performance requirements.....	9
4.11.1 Donning.....	9
4.11.2 Walking.....	9
4.11.3 Climbing.....	9
4.11.4 Dexterity and mobility.....	10
4.11.5 Hand protection.....	10
4.11.6 Jump test.....	10
4.11.7 Swim and boarding.....	10
4.11.8 Flotation and righting.....	10
4.11.9 Field of vision.....	10
4.12 Requirements on materials, fabrics and components.....	10
4.12.1 Fuel resistance.....	10
4.12.2 Tensile strength of seams.....	10
4.12.3 Coated fabrics.....	11
4.12.4 Other fabrics.....	11
4.12.5 Metal components.....	11
4.13 Strength.....	12
<b>5 Marking.....</b>	<b>12</b>
<b>6 Information supplied by the manufacturer.....</b>	<b>13</b>
<b>7 Consumer information at point of sale.....</b>	<b>14</b>
7.1 Data list.....	14
7.2 Consumer information label.....	15

<b>Annex A (informative) Information for manufacturers, users, regulators and industrial inspectors about immersion suits on the application of thermal protection times relevant to the ISO 15027 series</b> .....	<b>16</b>
<b>Bibliography</b> .....	<b>19</b>