

# ISO 9211-3:2024-02 (E)

## Optics and photonics - Optical coatings - Part 3: Environmental durability

---

<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>Terms and definitions .....</b>	<b>1</b>
<b>4</b>	<b>General information for use .....</b>	<b>2</b>
4.1	Environmental test code .....	2
4.2	Standard categories of use .....	2
4.2.1	General .....	2
4.2.2	Category A .....	3
4.2.3	Category B .....	3
4.2.4	Category C .....	4
4.2.5	Category D .....	4
4.2.6	Category O .....	5
4.3	General use case .....	6
4.4	Operating and storage conditions .....	6
4.5	Temperature conditions .....	6
4.6	Influence of the substrate .....	6
4.7	Cemented coatings .....	6
<b>5</b>	<b>Indications on drawings .....</b>	<b>6</b>
5.1	Standard categories of use .....	6
5.2	General use case .....	6
5.2.1	General .....	6
5.2.2	Direct description .....	7
5.2.3	Tabular description .....	7
<b>Annex A (normative) Environmental tests for optical coatings .....</b>		<b>8</b>
<b>Annex B (informative) Implementation of test sequence for Category of use O .....</b>		<b>14</b>
<b>Bibliography .....</b>		<b>15</b>