

Accessibility Metadata

January 2025

In line with the European Accessibility Act, Bookwire will be able to receive from publishers all the following metadata and deliver them in our ONIX feeds to the channels.

- **E-publication Accessibility Details:** All codes from [ONIX Codelist 196](#)
- **US CPSIA or other international hazard warning type:** Codes 00, 13, 14, 15, 16, 17, 18, 24, 25 and 26 from [ONIX Codelist 143](#)
- **Product content type:** All codes from [ONIX Codelist 81](#)

For E-Book products with a release date before June 2025 Bookwire will add the ONIX metadata [Unknown accessibility](#) with a generic description (if no other accessibility information is included in the publishers ONIX):

```
<ProductFormFeature>
<ProductFormFeatureType>09</ProductFormFeatureType>
<ProductFormFeatureValue>08</ProductFormFeatureValue>
<ProductFormFeatureDescription>The release date of the product lies before June 2025,
the product could not be checked for all accessibility features
yet</ProductFormFeatureDescription>
</ProductFormFeature>
```

List of all accessibility metadata tags for ePub assets (Bookwire standard) with corresponding accessibility metadata tags for ONIX:

Description	EPUB Metadata W3C 2.0 Level AA	ONIX Metadata ONIX 3.0 (or higher)
Alternative text	<pre><meta property="schema: accessibilityFeature"> alternativeText </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>14</ProductForm FeatureValue> </ProductFormFeature></pre> <p>Short alternative textual descriptions</p>
ARIA roles	<pre><meta property="schema: accessibilityFeature"> ARIA </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>30</ProductForm FeatureValue> </ProductFormFeature></pre> <p>ARIA roles provided</p>

Display transformability	<pre><meta property="schema: accessibilityFeature"> displayTransformability </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>36</ProductForm FeatureValue> </ProductFormFeature></pre> <p>All textual content can be modified</p>
High Contrast Display	<pre><meta property="schema: accessibilityFeature"> highContrastDisplay </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>26</ProductForm FeatureValue> </ProductFormFeature></pre> <p>Use of high contrast between text and background color</p> <p>and/or</p> <pre><ProductFormFeature> <ProductFormFeatureType>09</Prod uctFormFeatureType> <ProductFormFeatureValue>37</Pro ductFormFeatureValue> </ProductFormFeature></pre> <p>Use of ultra-high contrast between text foreground and background</p>
Page navigation	<pre><meta property="schema: accessibilityFeature"> pageNavigation </meta></pre>	no ONIX equivalent
Reading order	<pre><meta property="schema: accessibilityFeature"> readingOrder </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>13</ProductForm FeatureValue> </ProductFormFeature></pre> <p>Single logical reading order</p>
Structural navigation	<pre><meta property="schema: accessibilityFeature"> structuralNavigation </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>29</ProductForm FeatureValue> </ProductFormFeature></pre> <p>Next / Previous structural navigation</p>
Table of contents	<pre><meta property="schema: accessibilityFeature"> tableOfContents </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>11</ProductForm FeatureValue> </ProductFormFeature></pre> <p>Table of contents navigation</p>

No hazards	<pre><meta property="schema: accessibilityHazard"> none </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>12</ProductForm FeatureType> <ProductFormFeatureValue>00</ProductForm FeatureValue> </ProductFormFeature> No known hazards or warnings</pre>
Unknown hazards	<pre><meta property="schema: accessibilityHazard"> unknown </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>12</ProductForm FeatureType> <ProductFormFeatureValue>24</ProductForm FeatureValue> </ProductFormFeature> Flashing risk unknown and/or <ProductFormFeature> <ProductFormFeatureType>12</ProductForm FeatureType> <ProductFormFeatureValue>25</ProductForm FeatureValue> </ProductFormFeature> Sound risk unknown and/or <ProductFormFeature> <ProductFormFeatureType>12</ProductForm FeatureType> <ProductFormFeatureValue>26</ProductForm FeatureValue> </ProductFormFeature> Motion simulation risk unknown</pre>
Accessibility summary	<pre><meta property="schema: accessibilitySummary"> This publication conforms to WCAG 2.0 Level AA. </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>00</ProductForm FeatureValue> <ProductFormFeatureDescription>This publication conforms to WCAG 2.0 Level AA. </ProductFormFeatureDescription> </ProductFormFeature> Accessibility summary</pre>

Visual content	<pre><meta property="schema: accessMode"> visual </meta></pre>	<pre><ProductContentType>07</ProductContentType> Still images / graphics and/or <ProductContentType>12</ProductContentType> Maps and/or other cartographic content and/or <ProductContentType>18</ProductContentType> Photographs and/or <ProductContentType>19</ProductContentType> Figures, diagrams, charts, graphs and/or <ProductContentType>20</ProductContentType> Additional images / graphics not part of main work and/or <ProductContentType>24</ProductContentType> Animated / interactive illustrations and/or <ProductContentType>46</ProductContentType> Decorative images or graphics and/or <ProductContentType>50</ProductContentType> Video content without audio</pre>
Access mode sufficient	<pre><meta property="schema: accessModeSufficient"> textual< /meta> and/or <meta property="schema: accessModeSufficient"> textual, visual</meta></pre>	no ONIX equivalent
Conformance reporting	<pre><link rel= "dcterms:conformsTo" href="http://www.idpf.org/e pub/a11y/accessibility- 20170105.html#wcag-aa" /></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>03</ProductForm FeatureValue> </ProductFormFeature> EPUB Accessibility Specification 1.0 AA</pre>

Accessibility certification	<pre><meta property="a11y:certifiedBy"> Publisher </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>90</ProductForm FeatureValue> <ProductFormFeatureDescription> Publisher </ProductFormFeatureDescription> </ProductFormFeature></pre> <p>Compliance certification by (name)</p>
EAA exception micro-enterprises	<pre><meta property="dcterms: conformsTo">none </meta></pre> <pre><meta property="a11y:exemption"> ea- microenterprise </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>75</ProductForm FeatureValue> </ProductFormFeature></pre> <p>EAA exception 1 – Micro-enterprises</p>
EAA exception disproportionate burden	<pre><meta property="dcterms: conformsTo">none </meta></pre> <pre><meta property="a11y:exemption"> ea- disproportionate- burden </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>76</ProductForm FeatureValue> </ProductFormFeature></pre> <p>EAA exception 2 – Disproportionate burden</p>
EAA exception fundamental modification	<pre><meta property="dcterms: conformsTo">none </meta></pre> <pre><meta property="a11y:exemption"> ea- fundamental- alteration </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>77</ProductForm FeatureValue> </ProductFormFeature></pre> <p>EAA exception 3 – Fundamental modification</p>

List of possible additional accessibility metadata tags for ePub assets with corresponding accessibility metadata tags for ONIX:

Description	EPUB Metadata W3C 2.0 Level AA	ONIX Metadata ONIX 3.0 (or higher)
Index	<pre><meta property="schema: accessibilityFeature"> index </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>12</ProductForm FeatureValue> </ProductFormFeature></pre> <p>Index navigation</p>
Page break markers	<pre><meta property="schema: accessibilityFeature"> pageBreakMarkers </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>12</ProductForm FeatureValue> </ProductFormFeature></pre> <p>Print-equivalent page numbering</p>
SSML markup language	<pre><meta property="schema: accessibilityFeature"> ttsMarkup </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>21</ProductForm FeatureValue> </ProductFormFeature></pre> <p>Text-to-speech hinting provided</p> <p>and/or</p> <pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>22</ProductForm FeatureValue> </ProductFormFeature></pre> <p>Language tagging provided</p>
Flashing hazard	<pre><meta property="schema: accessibilityHazard"> flashing </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>12</ProductForm FeatureType> <ProductFormFeatureValue>13</ProductForm FeatureValue> </ProductFormFeature></pre> <p>WARNING – Flashing hazard</p>
No flashing hazard	<pre><meta property="schema: accessibilityHazard"> noFlashingHazard </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>12</ProductForm FeatureType> <ProductFormFeatureValue>14</ProductForm FeatureValue> </ProductFormFeature></pre> <p>No flashing hazard warning necessary</p>

Motion simulation hazard	<pre><meta property="schema: accessibilityHazard"> motionSimulation </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>12</ProductForm FeatureType> <ProductFormFeatureValue>17</ProductForm FeatureValue> </ProductFormFeature> WARNING - Motion simulation hazard</pre>
No motion simulation hazard	<pre><meta property="schema: accessibilityHazard"> noMotionSimulationHazard </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>12</ProductForm FeatureType> <ProductFormFeatureValue>18</ProductForm FeatureValue> </ProductFormFeature> No motion simulation hazard warning necessary</pre>
Sound hazard	<pre><meta property="schema: accessibilityHazard"> sound </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>12</ProductForm FeatureType> <ProductFormFeatureValue>15</Product FormFeatureValue> </ProductFormFeature> WARNING - Sound hazard</pre>
No sound hazard	<pre><meta property="schema: accessibilityHazard"> noSoundHazard </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>12</ProductForm FeatureType> <ProductFormFeatureValue>16</ProductForm FeatureValue> </ProductFormFeature> No sound hazard warning necessary</pre>
Accessibility addendum	<pre><meta property="schema: accessibilitySummary"> This publication conforms to WCAG 2.0 Level AA. It contains XXX images with alternative texts, ... </meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>92</ProductForm FeatureValue> <ProductFormFeatureDescription> This publication contains XXX images with alternative texts </ProductFormFeatureDescription> </ProductFormFeature> Accessibility addendum</pre>

<p>Accessibility control</p>	<pre><meta property="schema: accessibilityControl"> fullKeyboardControl</meta> and/or <meta property="schema: accessibilityControl"> fullMouseControl</meta> and/or <meta property="schema: accessibilityControl"> fullTouchControl</meta></pre>	<p>no ONIX equivalent</p>
<p>Accessibility credential</p>	<pre><meta property="a11y: certifierCredential"> Certifiably Accessible</meta></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>93</ProductForm FeatureValue> <ProductFormFeatureDescription>https://url. webpage.de </ProductFormFeatureDescription> </ProductFormFeature> Compliance certification by (URL)</pre>
<p>Accessibility report</p>	<pre><link rel="a11y:certifierReport" href="https://example.com/reports/ a11y/pub.html" /></pre>	<pre><ProductFormFeature> <ProductFormFeatureType>09</ProductForm FeatureType> <ProductFormFeatureValue>94</ProductForm FeatureValue> <ProductFormFeatureDescription> https://example.com/reports/a11y/pub.html </ProductFormFeatureDescription> </ProductFormFeature> Compliance web page for detailed accessibility information</pre>