RFID-XI CABLE LABEL
RFID ZERO HALOGEN AND UV STABLE CABLE LABEL

APPLICATION METHOD - TIE-ON

The SUMITAG Intelli-Marker (RFID-Xi) cable label is specifically designed for the marking of cables, particularly along its route. It is extremely strong with high tear strength properties, suitable for a variety of applications where legible and durable identification is required. For use in harsh chemical environments the combination of the RFID-Xi material and ribbon type 510 shows great fluid resistance. Each RFID Tag (cable label), can be re-programmed (read/write) with a unique ID in all global UHF frequency regions, that enables end users to reach and sustain consistently high-level performances of asset management, including Remote Condition Monitoring (RCM).

Flame Retardant
Zero Halogen
UV Stable Print Quality
High Tear Strength Protection
Print Performance to Mil. Spec. Standards
Three available colours; white, yellow and red
High Degree of Mark Permanence
Pickability Enabled
Rapid 24hr Pre-Print Service Available

The raw material is rated V-O according to UL94.

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hardness</td>
<td>58 Shore D</td>
</tr>
<tr>
<td>Density</td>
<td>1.27 g/cm³</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>30 MPa</td>
</tr>
<tr>
<td>Elongation at Break</td>
<td>400%</td>
</tr>
<tr>
<td>Tear Strength</td>
<td>110 N/mm</td>
</tr>
<tr>
<td>Compression Set at Room Temperature</td>
<td>30%</td>
</tr>
<tr>
<td>Compression set at 70°C</td>
<td>45%</td>
</tr>
<tr>
<td>Tensile, after storage in water at 80°C for 42 day</td>
<td>20 MPa</td>
</tr>
<tr>
<td>Elongation, storage in water at 80°C for 42 days</td>
<td>400%</td>
</tr>
<tr>
<td>Uv Stability</td>
<td>Standard 6 Min.</td>
</tr>
</tbody>
</table>

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WWW.SEI-ID.COM CABLE IDENTIFICATION RECOGNISED WORLDWIDE
**RFID-XI CABLE LABEL**

RFID ZERO HALOGEN AND UV STABLE CABLE LABEL

### MARKER PERMANENCE

**MIL81531 (SAE-AS81531-1998 Clause 3.4.2/4.6.2)**

- **with ribbon**: TTR-080-300-BK-510 Black
- **TTR-082-300-WE-173 White**

### PRINT PERFORMANCE SOLVENTS


- **with ribbon**: TTR-110-360-BK-510 Black
- **extended test**: TTR-110-360-BK-510 Black

### ADDITIONAL INFORMATION

**Recommended Printer:**
- Single Sided SumiTag Printer
  - STP-SQX-300-S-NC-S

**RFID UHF 868/915 MHz**

**Recommended Ribbon:**
- **TTR-080-300-BK-510 Black**
- **TTR-082-300-WE-173 White**

### MARKER

<table>
<thead>
<tr>
<th>Marker</th>
<th>Print Area</th>
<th>Markers/Pack</th>
<th>Colour</th>
<th>Marking Information</th>
<th>Order Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUMITAG75x15mm</td>
<td>55x15mm</td>
<td>50</td>
<td>White</td>
<td>These labels are supplied</td>
<td>RFID-Xi-75-15-WE-S</td>
</tr>
<tr>
<td>SUMITAG90x25mm</td>
<td>73x25mm</td>
<td>50</td>
<td>White</td>
<td>blank, ready</td>
<td>RFID-Xi-75-15-YW-S</td>
</tr>
<tr>
<td>SUMITAG75x15mm</td>
<td>55x15mm</td>
<td>50</td>
<td>Yellow</td>
<td>for customer printing using</td>
<td>RFID-Xi-90-25-WE-S</td>
</tr>
<tr>
<td>SUMITAG90x25mm</td>
<td>73x25mm</td>
<td>50</td>
<td>Yellow</td>
<td></td>
<td>RFID-Xi-90-25-YW-S</td>
</tr>
</tbody>
</table>

**SUMITAG**

- **For pre-printed tags, please provide data file of marking information.**

- The RFID IC can be reprogrammed with unique ID.

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