RPX RAISED PANEL LABEL
EXTENDED FIRE SAFETY RAISED PANEL LABEL

APPLICATION METHOD - STICK-ON

The iTag-RPX Raised Panel Label is specifically designed for the marking of instrument panels, control panels, electrical cabinets and racks. They are made from zero halogen, low toxicity, self extinguishing radiation crosslinked UV stabilised polyolefin sheet using OSNH grade material. It is mostly used for mass transit and underground applications where human life is critical as it features extended fire safety standard properties. The Raised Panel Labels are supplied on rolls for thermal transfer printing, which means production, storage and picking is easy and convenient. The adhesive is crosslinked and contains no Halogen or Sulphur and no nitrogen used in radical initiators.

Flame Retardant
Low Smoke
Zero Halogen
Self Extinguishing
UV Stable
London Underground Approved
Print Quality to Mil. Spec. Standards
Rapid 24 hour Print Service Available
Certified and issue to LUL-1-085
Red and white print possible

APPROVAL STANDARDS

- BS 4G198, Part 3, Type 15
- DEF STAN 59-97, Type 8
- LUL 1-085
- BS6853 Cat. 1a
- LUL 2-01001-002 (E1042A6)
- EN 45545-2 R24 (HL1, HL2 & HL3)
- RoHS Compliant
- REACH Compliant

PROPERTY VALUE

<table>
<thead>
<tr>
<th>PROPERTY</th>
<th>VALUE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Temperature Range</td>
<td>-40c to +105c - 175c (Short Periods)</td>
</tr>
<tr>
<td>Flammability</td>
<td>Self extinguishing</td>
</tr>
<tr>
<td>Toxicity Index (D.Stan)</td>
<td>0.938</td>
</tr>
<tr>
<td>Smoke Index (D.Stan)</td>
<td>5.6</td>
</tr>
<tr>
<td>Oxygen (D.Stan)</td>
<td>&gt;31</td>
</tr>
<tr>
<td>Tensile Strength</td>
<td>7.0 MPa</td>
</tr>
<tr>
<td>Elongation At Break</td>
<td>200%</td>
</tr>
<tr>
<td>Chemical Resistance</td>
<td>G198/DS 59-97 Fair</td>
</tr>
</tbody>
</table>

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WWW.SEI-ID.COM CABLE IDENTIFICATION RECOGNISED WORLDWIDE
RPX RAISED PANEL LABEL
EXTENDED FIRE SAFETY RAISED PANEL LABEL

ADDITIONAL INFORMATION

Recommended Printer:-
- Single Sided SumiTag Printer: STP-SOX-300-S-NC-S
- Single Sided SumiTag Printer: STP-EOS1-300-S-NC-S
- Single Sided SumiTag Printer: STP-EOS4-300-S-NC-S

Recommended Ribbon:-
- 2020 Series

Storage:
- Room Temperature at (50-70%) humidity
- The storage stability is one year after delivery

MARKERS

Marker | Size (mm) | Text Area | Markers | Format & Printer Required | COLOUR CODE | Order Code & White & Yellow
---|---|---|---|---|---|---
RPX45x15mm | 45x15mm | 250 | Roll - SQX only | YW-Yellow | RPX-450-150-SQX-S
RPX69x19mm | 69x19mm | 250 | Roll - SQX/EOS | WE-White | RPX-690-190-SQX/EOS-S
RPX90x45mm | 90x45mm | 250 | Roll - SQX/EOS | | RPX-900-450-SQX/EOS-S
RPX45x15mm | 45x15mm | | Roll - SQX only | | |
RPX69x19mm | 69x19mm | 250 | Roll - SQX/EOS | | RPX-450-150-SQX/EOS-S
RPX90x45mm | 90x45mm | 250 | Roll - SQX/EOS | | RPX-690-190-SQX/EOS-S
RPX | 250 | | | | |

ADHESIVE PRODUCT CONSTRUCTION

<table>
<thead>
<tr>
<th>Name</th>
<th>Colour</th>
<th>Thickness (mm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adhesive covered side</td>
<td>Modified acrylic</td>
<td></td>
</tr>
<tr>
<td>Carrier</td>
<td>transparent</td>
<td>approx. 0.20</td>
</tr>
<tr>
<td>Adhesive open side</td>
<td>Modified acrylic</td>
<td>C</td>
</tr>
<tr>
<td>Total thickness</td>
<td></td>
<td>approx. 0.20</td>
</tr>
</tbody>
</table>

PRODUCT ADVANTAGES AND APPLICABILITY

- Very suitable adhesion on rough and even surfaces
- High shear strength
- Good ageing resistance
- Extensive resistance to the influence of chemicals

OPERATING TEMPERATURE

| Temperature Range | -40°C to +120°C |

TECHNICAL DATA

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shear strength</td>
<td>on steel according to DIN EN 1993 edition 1996, at 23°C +/- 2°C</td>
</tr>
<tr>
<td>Peel strength</td>
<td>on steel according to DIN EN 1993 edition 1996, at 23°C +/- 2°C</td>
</tr>
<tr>
<td>Recommended application temperature</td>
<td>18°C to 35°C</td>
</tr>
</tbody>
</table>

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