

RPX Raised Panel Label – Technical Data Sheet

Product Data

Material:

UV stabilised polyolefin

Storage Conditions

Room temperature at 50-70% humidity

The Storage stability is one year after delivery.

Recommended Printer

STP-SQX-300M-S-NC-S

APPLICATION METHOD – STICK-ON

The SUMITAG-RPX Raised Panel Label is specifically designed for the marking of instrument panels, control panels, electrical cabinets, and racks. Made from zero halogen, low toxicity, self-extinguishing radiation crosslinked UV stabilised polyolefin. Ideal for mass transit and underground applications where human life is critical as it features extended fire safety standard properties. The Raised Panel Labels can be supplied on rolls which means production, storage and picking is easy and convenient, continuous rolls or fan-folded for thermal transfer printing, which means production using a perforation/cutter making markers easily cut into required lengths. The crosslinked adhesive contains no Halogen, Sulphur and no nitrogen used in radical initiators.

- Zero Halogen Low Smoke
- Flame Retardant - Self Extinguishing
- Meets London Underground S1085 Standard
- Meet material requirements of BS4G198 T15
- Material Certified to meet requirements of EN45542 – 2 R22 HL 1,2,3



Order Information

Roll Format

PRODUCT REFERENCE	MARKERS PER ROLL	FORMAT	RECOMMENDED RIBBON
RPX-450-150-**-S	Minimum 250	Roll	2020 Series
RPX-580-110-**-S	Minimum 250	Roll	2020 Series
RPX-690-190-**-S	Minimum 250	Roll	2020 Series
RPX-750-450-**-S	Minimum 250	Roll	2020 Series
RPX-900-450-**-S	Minimum 250	Roll	2020 Series
RPX-1000-500-**-S	Minimum 250	Roll	2020 Series

Fan folded.

PRODUCT REFERENCE	MARKERS PER PACK	FORMAT	RECOMMENDED RIBBON
RPX-1150-230-**-S	Minimum 200	Fan-Folded	2020 Series
RPX-1500-800-**-S	Minimum 50	Fan-Folded	2020 Series
RPX-2300-450-**-S	Minimum 100	Fan-Folded	2020 Series

Continuous Format

PRODUCT REFERENCE	QTY PER SPOOL	FORMAT	RECOMMENDED RIBBON
RPX-190-30M-**-S	Minimum 30m	Spool	2020 Series
RPX-420-30M-**-S	Minimum 30m	Spool	2020 Series

*Standard Colours – WE (White) / YW (Yellow)

Please contact us for any sizes not listed.....

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Product Properties

Property	Result	Test Method																
Tensile strength	10.0 MPa (min.)	ASTM D 2671																
Elongation	100% (min.)	ASTM D 2671																
Tensile strength After aging 68hrs,136°C	7.3 MPa (min.)	ASTM D 2671																
Elongation After aging 68hrs,136°C	50% (min.)	ASTM D 2671																
Heat shock. 4hrs, 225°C	No Crack	SAE-AMS-DTL-23053																
Low temperature flexibility 4hrs, -40°C	No Crack	SAE-AMS-DTL-23053																
Dielectric strength	19.7kV/mm (min.)	ASTM D 876																
Volume resistivity	1.0×10 ¹² (min.) Ω cm	ASTM D 876																
Water absorption 24hrs,23°C	1% (max.)	SAE-AMS-DTL-23053																
Copper mirror corrosion 16hrs,175°C	No corrosion	SAE-AMS-DTL-23053																
Oxygen index	Pass	BS6853 EN45545-2																
Smoke density	Pass	BS6853 EN45545-2																
Toxic fume emission	Pass	BS6853 EN45545-2																
Flammability	<table border="1"> <thead> <tr> <th></th> <th>Exiting Time (Sec)</th> <th>Burn Length (Inches)</th> <th>Drip Exiting (Sec)</th> </tr> </thead> <tbody> <tr> <td>Sample 1</td> <td>6</td> <td>1.1</td> <td>0</td> </tr> <tr> <td>Sample 2</td> <td>8</td> <td>1.3</td> <td>0</td> </tr> <tr> <td>Sample 3</td> <td>7</td> <td>1.4</td> <td>0</td> </tr> </tbody> </table>		Exiting Time (Sec)	Burn Length (Inches)	Drip Exiting (Sec)	Sample 1	6	1.1	0	Sample 2	8	1.3	0	Sample 3	7	1.4	0	VERTICAL BURN. FAR 25.853, App F, part 1. A.1. ii Exiting Time Max: 15 Sec Burn Length Max: 8 Inch Drip Exiting Max: 5 Secs
	Exiting Time (Sec)	Burn Length (Inches)	Drip Exiting (Sec)															
Sample 1	6	1.1	0															
Sample 2	8	1.3	0															
Sample 3	7	1.4	0															
Fluid Susceptibility	Slight deterioration in the condition of the print, but still clearly legible	ISO 1817 Liquid B																
	No deterioration observed.	ISO 1817 Liquid F																
	No deterioration observed.	Isopropanol Alcohol																
	No deterioration observed.	25% Propanol 75% White spirit																
UV Resistance	Pass Readability – Good Material – No bleaching	BS EN ISO 4892-3 : 2016, Method A / Cycle 1																

Business Management Accreditations



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