

# ESD Caution Labels



Image shown for illustration purposes only.

## Features

- ESD caution labels printed with black text onto a yellow background
- Ideal for the marking of electrostatic sensitive devices
- Gloss paper with backing paper for all reel stock applications, suitable for automatic dispensing
- Self-adhesive for quick and easy application
- Features the industry-standard design



Product Code	Description	Size	Additional Notes
RND 600-00082	Yellow ESD Caution Labels	50 x 25mm	1k labels per roll
RND 600-00083	Yellow ESD Caution Labels	76 x 38mm	1k labels per roll

<b>Backing paper</b>	Honey Glassine 65 Yellow transparent glassine backing paper Backing paper for all reelstock applications suitable for automatic dispensing
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	Test Method	Value	Units
Substance	ISO 536	60	g/m <sup>2</sup>
Caliper	ISO 534	53	microns
Tensile Strength MD	ISO 1924	6.3	kN/M
Tensile Strength CD	ISO 1924	2.4	kN/M
Transparency	DIN 53147	50	%

<b>Adhesive</b>	RP51 General purpose strong permanent. Acrylic, water borne. Good adhesion to all normal substrates, including non-polar surfaces, films and corrugated board. Good low temperature performance.
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	Test Method	Value	Units
Tack min	FTM9	14	N
Shear Min	FTM8	1.0	h
PE-Looptack Min	modified FTM9	10	N
Labelling Temperature Min	-	0	°C
Service Temperature Min	-	-20	°C
Service Temperature Max	-	80	°C
Limitations	Not recommended for labelling highly curved surfaces.		
Additional Info	Approval: The research centre ISEGA has given the adhesive approval for direct contact with dry and moist non-fatty foods.		

	Test Method	Value	Units
Tack min	FTM9	14	N

<b>Roll</b>	Raflabrite IL White woodfree machine coated SC midgloss face paper. Multipurpose label paper, suitable for Indigo digital offset printing.
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	Test Method	Value	Units
Substance	ISO 536	86	g/m <sup>2</sup>
Caliper	ISO 534	73	microns
Tensile Strength MD	ISO 1924	5.6	kN/M
Tensile Strength CD	ISO 1924	2.7	kN/M
Brightness	ISO 2470/1	88	%
Roughness	ISO 8791 / PPS10	1.1	microns
Opacity	ISO 2471	89	%
Stiffness MD	ISO/DP 5629/1	0.25	mNm
Stiffness CD	ISO/DP 5629/1	0.15	mNm
Printability	Optimized for the HP Indigo WS2000 and WS4000 digital printing presses. Pretesting recommended for conventional printing methods.		
Advantages	Stiffness of the paper offers good application characteristics for large labels. Good strength properties enables matrix stripping of difficult shapes.		
Shelf Life	Laminate one year if stored at room temperature (+20°C), RH 50% protected from light.		

<b>Printing Inks</b>	Water based printing inks.
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<b>Composition</b> <b>Chemical Type</b>	Combination of organic and inorganic pigments, organic resins, water and non volatile organic liquids. Contains no isopropanol. Not assigned.
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# ESD Caution Labels



<b>Accidental Release Measures</b>	
<b>Personal Precautions</b>	Avoid contact with skin and eyes. Shut off leaks if possible without personal risk.
<b>Environmental Precautions</b>	Prevent large spillage from entering drains, ditches and rivers by the use of sand or earth. Inform local authorities/ Fire Service at once if this cannot be prevented. Contain and absorb spillage using earth, sand or other inert material. Transfer to suitable containers for disposal.
<b>Dealing with Spillages</b>	When the spillage has been cleared, flush the contaminated area thoroughly with water.
<b>Physical and Chemical Properties</b>	
<b>Appearance/Odour</b>	Coloured liquids with a characteristic odour
<b>Boiling Point/Range</b>	Approx. 100°C
<b>Flash Point</b>	N/A
<b>Explosion Limit</b>	N/A
<b>Autoignition Temperature</b>	N/A
<b>Vapour Pressure</b>	Not determined
<b>Density</b>	Typically 1.05 - 1.40 at 20°C
<b>Solubility in Water</b>	Completely miscible
<b>Evaporation Rate</b>	Similar to water
<b>Viscosity</b>	Variable
<b>pH</b>	8.5 - 9.5