



EPL

ENHANCED PANEL LABEL

- Good resistance; scratching, smearing and rubbing
- Excellent UV resistance on printed image
- High tack adhesive, suitable for uneven surfaces
- Easier and faster than engraved metal plates
- White, Yellow, Silver
- Good resistance against alcohols and diesel
- Glossy topcoat for a smart and professional look

GENERAL INFORMATION

EPL (Enhanced Panel Label) are innovative labels specifically designed to replace engraved and plotted plates for the identification of electrical components, electrical cabinets, push button, patch panels, etc. EPL save time and money by allowing you to print name plates exactly when you want them rather than having to order pre-printed name plates and holding stock.

TECHNICAL INFORMATION

Approvals and Standards

Certified and issued to:

- BS 3G198, Part 2, Type 7

Property	Value
High Service Temperature	1000 hours at 100°C (212°F) No visual effect
Low Service Temperature	1000 hours at -20°C (-20°F) No visual effect
Humidity Resistance	1000 hours at 37°C (100°F), 95% R.H. PASS
UV Light Resistance	1000 hours in UV light chamber No visual effect
Weatherability	1000 hours in QUV (ASTM G-53) No visual effect
Abrasion Resistance	Taber Abrasion Tester CS10+500g load - 180 cycles
Peel Strength at room temperature	20 minutes dwell, 35 N/100 mm (32 oz/inch)
- Stainless Steel	20 minutes dwell, 96 N/100mm (87,5 oz/inch)
- Smooth ABS	20 minutes dwell, 120 N/100mm (109 oz/inch)
- Powdercoated surface	20 minutes dwell, 142 N/100mm (130 oz/inch)

APPLICATION

Additional Information

Printer and Ribbon Recommended: -
 Printer 300dpi: MK10
 Ribbon MK10-RB-BK510-110
 Recommended Application Temperature 18 to 35 °C
 Operating Temp. Foam -40°C to 100°C
 Operating Temp. Polyester Film -40°C to 150°C

PRODUCT AND ORDER INFORMATION

Size of Label	Markers per Roll	Format	Recommended Ribbon	Order Code
27mm x 8mm	2,500	Roll	510 Series	EPL027008LR*
27mm x 12.5mm	2,000	Roll	510 Series	EPL027012LR*
35mm x 19mm *	1,250	Roll	510 Series	EPL035019LR*
45mm x 15mm	1,500	Roll	510 Series	EPL045015LR*
60mm x 30mm *	750	Roll	510 Series	EPL060030LR*
69mm x 19mm	1,200	Roll	510 Series	EPL069019LR*
90mm x 45mm *	500	Roll	510 Series	EPL090045LR*
100mm x 30mm *	500	Roll	510 Series	EPL100030LR*
100mm x 50mm	500	Roll	510 Series	EPL100050R*

* MOQ is required *= colour (4= Yellow, 9= White)

Adhesive Product Construction

	Name	Colour	Thickness
Adhesive covered side	Modified acryli		
Carrier		transparent	approx. 0.20
Adhesive open side	Modified acrylic		C
Total thickness			approx. 0.20
Product advantages and applicability			
Very suitable adhesion on rough and even surfaces			
High shear strength			
Good ageing resistance			
Extensive resistance to the influence of chemical			
Operating Temperature			
Temperature Range	-40°C to +120°C		
Technical Data			
Shear strength	on steel according to DIN EN 1943 edition 1996, at 23°C +/- 2°C	60 N/625mm ²	
Peel strength	on steel according to DIN EN 1943 edition 1996, at 23°C +/- 2°C	35 N/25mm	
Recommended application temperature	-18°C to +35°C		

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