



HPR100 High-performance Rating White Label



HPR110 High-performance Rating Colored Label

## Introducing HPR100 High-performance Rating White Label HPR110 High-performance Rating Colored Label

The white HPR100 and colored HPR110 high-performance rating labels are TE Connectivity's (TE) new rugged, self-adhesive labels. These custom design labels offer customers in the industrial, aerospace, defense and marine environments (where labels have to withstand grease, water, humidity, cold, chemicals, and heat) excellent performance – at a competitive price. Its adhesive composition makes it suitable for harsh environments, e.g. high and low surface energy as well as textured substrates. The label, printed in thermal transfer, provides high legibility quality and is resistant against UV, fluids, dry and wet abrasion.

### PRINT TECHNOLOGY

- Thermal transfer printable in association with HP (high performance) ribbon 010
- Ribbon (part number **F55931-000**) for 100mm x 300m
- Ribbon (part number **6-1768383-4**) for 60mm x 300m
- For thermal transfer printers 600 dpi, e.g. TE's T3124 printer (part number **CC9352-000**)

### ELECTRICAL

- Surface resistance: IEC 93, tested in accordance with VDE 03003 ( $2.87 \times 10^{15}$  Ohm)
- Voltage breakdown: IEC 243-1 (29kV/mm)

### MATERIAL

- White matte polyester
- Permanent high-performance pressure-sensitive acrylic

### APPLICATIONS

- Cable identification
- Cockpit information
- Motors

### PRODUCT OFFERING

Part Number: **4-1768373-6**

### KEY FEATURES

- Chemical resistance
- Rugged label for harsh in- and outdoor environments
- Label material: White matte polyester
- Custom design sizes: Continuous, square, silhouette
- White and color backgrounds
- Self-extinguishing
- Highly sticking adhesive
- Suitable for high and low surface energy and textured substrates

### INDUSTRIES

- Industrial
- Aerospace
- Defense
- Marine

**NEW PRODUCT**

Samples Available Now

[te.com/products/identification-labeling](http://te.com/products/identification-labeling)



## SAMPLE KITS

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- TE provides sample kits for these products. Please order on te.com.
- HPR100 High-performance Rating White Label: **8-1768384-7**
- HPR110 High-performance Rating Colored Label: **8-1768384-6**

## COLOR SCHEME

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- All matte colors available as pre-print (text, logo, partial or total background)
- PMS and RAL possible (approx. 500 colors)

## APPROVALS

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- RoHS compliant
- REACH compliant

## PACKAGING SIZE

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- Roll of 1,500 minimum
- Max. roll length: 150 meters
- Inside- or outside-wound
- 40 or 76mm diameter

## TEMPERATURE

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- -40 to +135°C

## RESISTANCE TESTS

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- UV resistance
- Long-term exposure
- Temperature
- Salt fog
- Fluids immersion
- Dry and wet abrasion

## STORAGE STABILITY

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- Label to be kept in original packaging
- Up to two years
- +21°C (+70°F), 50%RH

## TECHNICAL DATASHEETS

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- TE provides technical datasheets. For download, please go to te.com.
- TTDS-237: HPR100 High-performance Rating White Label
- TTDS-238: HPR110 High-performance Rating Colored Label