

REVERSIBLE TEMPERATURE INDICATING LABELS

TDS No. B-7518

Effective Date: 03/07/2019

Description:

GENERAL

Materials type: Subsurface printed clear polyester

Finish: Gloss

Adhesive: Permanent modified acrylic

APPLICATIONS

Reversible temperature indicating labels that change colour at designated temperatures. Temperature range covered is 0°C (32°F) to 100°C (212°F).

REGULATORY APPROVALS

For information on the Weee-RoHS compliance status for a Brady Product go to one of the following websites:

In Canada: www.bradycanada.ca/weee-rohs

In Europe: www.bradyeurope.com/rohs

In Japan: www.brady.co.jp/products/labelsuse/rohs

All other regions: www.bradyid.com/weee-rohs

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D 1000 Total thickness(excluding liner)	0.22 mm (0.0087 inch) *
Adhesion to:	ASTM D 1000	
- Stainless Steel	24 hour dwell	153 N/100 mm (138 oz/inch)
- Smooth ABS	24 hour dwell	169 N/100 mm (153 oz/inch)
- Polypropylene	24 hour dwell	112 N/100 mm (101 oz/inch)
- Polyester Powder Coated Paint	24 hour dwell	151 N/100 mm (137 oz/inch)
Minimum Application Temperature		+10°C

* The domed labels have a higher thickness of approximately 2 mm (maximum)

Colour Change Material

Non toxic, white crystalline solid on a black absorbent backing, adhered with acrylic adhesive.

Tolerances

+/- 1°C

Shelf Life:

Shelf life is two years from the date of receipt for this product as long as this product is stored in its original packaging in an environment below 80° F (27° C) and 60% RH. It remains the responsibility of the user to assess the risk of using this product. We encourage customers to develop testing protocols that will qualify a product's fitness for use in their actual application.

Store out of direct sunlight.

The low temperature indicating labels need to be stored in a refrigerator.

Trademarks:

ASTM: American Society for Testing and Materials (U.S.A.)

Note: All values shown are averages and should not be used for specification purposes.

Test data and test results contained in this document are for general information only and shall not be relied upon by Brady customers for designs and specifications, or be relied on as meeting specified performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact Brady for further information.

Product compliance information is based upon information provided by suppliers of the raw materials used by Brady to manufacture this product or based on results of testing using recognized analytical methods performed by a third party, independent laboratory. As such, Brady makes no independent representations or warranties, express or implied, and assumes no liability in connection with the use of this information.

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