

BRADY B-325 OMNI-GRIP VINYL SLEEVE MARKERS

TDS No. B-325
Effective Date: 02/21/2000

Description:

Brady B-325 Omni-Grip® Markers are printed, full circle polyvinyl chloride sleeves, with a molded in expansion feature. The markers are chevron cut for alignment and are mounted on a "T" bar dispenser strip for convenience.

B-325 Omni-Grip® Markers are used in manufacturing, construction, and maintenance activities to identify wires and cables where environmental conditions require the permanence of a sleeve.

The expansion feature molded into the B-325 Omni-Grip® Markers enables them to fit a wide range of wire sizes. The printing has good rub and chemical resistance. B-325 Markers are yellow sleeves with black printing.

Details:

PERFORMANCE PROPERTIES	TEST METHODS	TYPICAL RESULTS
Long Term High Service Temperature	30 days at 212°F (100°C)	Moderate discoloration at 100°C but still functional; no visible effect at 60°C
Long Term Low Service Temperature	30 days at -40°F (-40°C)	No visible effect at -40°C
Short Term High Service Temperature	15 minutes at 248°F (120°C)	No visible effect, material distorts at greater temperatures
Humidity Resistance	30 days at 100°F (37°C), 95% R.H.	No visible effect
UV Light Resistance	30 days in UV Sunlighter™ 100	No visible effect
Weatherability	ASTM G 26 30 days in Xenon Arc Weatherometer	Slight color fade, no visible effect to printing
Salt Fog Resistance	ASTM B 117 30 days in 5% salt fog solution chamber	No visible effect

PERFORMANCE PROPERTY	CHEMICAL RESISTANCE
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Testing consisted of 5 cycles of 10 minute immersions in the specified chemicals followed by 30 minute recovery periods. After final immersion, markers rubbed immediately with cotton swab. Testing was conducted at room temperature.

CHEMICAL REAGENT	SUBJECTIVE OBSERVATION OF VISUAL CHANGE	
	APPEARANCE OF MARKER AND PRINTING WITHOUT RUB	APPEARANCE OF MARKER AND PRINTING WITH RUB
Methyl Ethyl Ketone	Material very swollen	Print removed
1,1,1-Trichloroethane	Material slightly swollen	Print removed
Isopropyl Alcohol	Slight unwrap	No visible effect
JP-8 Jet Fuel	No visible effect	No visible effect
SAE 20 WT Oil	No visible effect	No visible effect
Mil 5606 Oil	No visible effect	No visible effect
Speedi Kut Cutting Oil 332	No visible effect	No visible effect
Gasoline	Slight unwrap	Adhesive ooze
Rust Veto® 377	No visible effect	No visible effect
Skydrol® 500B-4	Material slightly swollen	Print removed
Super Agitene®	No visible effect	No visible effect
Deionized Water	No visible effect	No visible effect
3% Alconox® Detergent	No visible effect	No visible effect
Northwoods™ Buzz Saw Citrus Degreaser	No visible effect	No visible effect

Product testing, customer feedback, and history of similar products, support a customer performance expectation of at least **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 degrees F (27 degrees C) and 60% RH*. We are confident that our product will perform well beyond this time frame. However, it remains the responsibility of the user to assess the risk of using such product. We encourage customers to develop functional testing protocols that will qualify a product's fitness for use, in their actual applications.

Trademarks:

Alconox® is a registered trademark of Alconox Co.
Northwoods™ is a trademark of the Superior Chemical Corporation
Omni-Grip® is a registered trademark of Brady Worldwide, Inc.
Rust Veto® is a registered trademark of the E.F. Houghton & Co.
Skydrol® is a registered trademark of the Monsanto Company
Sunlighter™ is a trademark of the Test Lab Apparatus Company
Super Agitene® is a registered trademark of Graymills Corporation
ASTM: American Society for Testing and Materials (U.S.A.)
SAE: Society of Automotive Engineers (U.S.A.)
All S.I. Units (metric) are mathematically derived from the U.S. Conventional Units.

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.

WARRANTY

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