Technical Data Sheet

BRADY B-7667 WHITE POLYESTER OVER-LAMINATED WITH A CLEAR ANTI-SLIP VINYL FILM

TDS No B-7667

Effective date: 15/02/2022

Description:

GENERAL

Brady B-7667 is a surface printed white polyester with a permanent acrylic pressure sensitive adhesive and over-laminated with a clear anti-slip vinyl film.

SPECIAL FEATURES

B-7667 is an anti-slip safety sign used for indoor applications that can frequently become wet.

REGULATORY/AGENCY APPROVALS

B-7667 is tested according to DIN 51130:2014 with a slip resistance classification of R10.

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	
	-Substrate	0.558 mm
	-Adhesive	0.020 mm
	-Total	0.578 mm

Adhesion to:	ASTM D 1000	
-Stainless Steel	20 minute dwell	69 N/100 mm
	24 hour dwell	77 N/100 mm
-Polypropylene	20 minute dwell	55 N/100 mm
	24 hour dwell	62 N/100 mm
-Smooth ABS	20 minute dwell	74 N/100 mm
	24 hour dwell	92 N/100 mm
-Textured ABS	20 minute dwell	14 N/100 mm
	24 hour dwell	21 N/100 mm
-Powder Coated	20 minute dwell	76 N/100 mm
	24 hour dwell	81 N/100 mm
Drop Shear	PSTC-7	38 hours

Performance properties tested on digital printed B-7667 material . Printed samples were laminated to aluminium and allowed to dwell 24 hours before exposure to the indicated environments.

PERFORMANCE PROPERTIES	TEST METHOD	TYPICAL RESULTS
High service temperature	30 days at 80°C	No visible effect
Low service temperature	30 days at -40°C	No visible effect
Minimum application temperature		+2°C
Humidity resistance	30 days at 37°C and 95% R.H.	No visible effect

Material suitable for indoor use only

PERFORMANCE PROPERTY	CHEMICAL RESISTANCE
Digital printed samples are laminated to aluminium panels and allowed to dwell 24 hours prior to testing. Tests conducted at room temperature. Testing consisted of 5 cycles of 10 minute immersions in the specified test fluid, followed by 30 minute recovery periods. After final immersion, samples rubbed 10 times with cotton swab saturated with test fluid.	

CHEMICAL REAGENT	SUBJECTIVE OBSERVATION OF VISUAL CHANGE	
	EFFECT TO LABEL STOCK EFFECT TO PRINT	EFFECT TO PRINT WITH RUB
Gasoline	nve	nve
Alcohol mixture	nve	nve

Toluene	Laminate and print destroyed	Laminate and print destroyed
Methyl Ethyl Ketone	Laminate and print destroyed	Laminate and print destroyed
Isopropyl Alcohol	nve	nve
Acetone	Laminate and print destroyed	Laminate and print destroyed
Diesel	nve	nve
n-Hexane	nve	nve
Iso-octane	nve	nve
Sulphuric Acid (10%)	nve	nve
Sodium Chloride (10%)	nve	nve
Deionized Water	nve	nve

*Alcohol mixture is a mixture of 50% ethanol, 30% methanol and 20% distilled water

Nve = No visible effect

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.

Trademarks:
ASTM: American Society for testing and Materials (U.S.A.)
PSTC: Pressure Sensitive Tape Council (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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