Technical Data Sheet

Effective Date: 16-Jan-2017

BRADY B-7562P SURFACE PRINTED COILED PIPE MARKER OVER-LAMINATED WITH A UV LIGHT BLOCKING CLEAR POLYESTER

Description:

GENERAL

Brady B-7562P Pipe markers are coiled surface printed polyester sheets over-laminated with a UV Light blocking clear polyester film. The markers are designed to be mechanically curled around a pipe and secured with the attached tape flap.

SPECIAL FEATURES

Brady B-7562P Pipe markers are designed for use on rusty, dirty, wet or rough pipes where pressure sensitive labels cannot be used. Pipe markers are easy to apply. B-7562P is used for pipe markers which require long term outdoor use.

ROHS Environmental Compliance

Brady B-7562P is compliant to RoHS2 directive 2011/65/EU.

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D1000 Total	 0.152 mm
Performance properties tested on digitally printed B-7562P material.		
PERFORMANCE PROPERTIES	**TEST METHOD**	**TYPICAL RESULTS**
High service temperature	30 days at 120°C	No visible effect
Low service temperature	30 days at -40°C	No visible effect
Humidity resistance	30 days at 37°C and 95% R.H.	No visible effect

Average Outdoor Durability:

Outdoor performance expectations for B-7562P are based on UV resistance testing in the Q-Sun Xenon Test Chamber Model Xe-3 (Daylight Filter, Irradiance 0.35 W/m², Wavelength 340nm, Continuous light at 63°C black panel temperature) and on weatherability testing in the QUV Accelerated Weathering Tester Model QUV/se, according to ASTM G154, Cycle 1. The test results suggest that B-7562P may be used successfully in outdoor environments for a period of up to 8 years. Actual outdoor life of product will depend on user definition of failure, climatic conditions, mounting techniques and material color. See note and warranty statement below for additional information.

PERFORMANCE PROPERTY	CHEMICAL RESISTANCE
Digitally printed samples were tested 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
Isopropyl Alcohol	nve	nve
Toluene	nve	nve
Alcohol mix	nve	nve
Methyl Ethyl Ketone	nve	nve
Sodium Chloride (10%)	nve	nve
Sulfuric acid solution (10%)	nve	nve
Skydrol® 500B4	nve	nve
Gasoline	nve	nve
Acetone	nve	nve
NaOH 5%	nve	nve
Water distilled	nve	nve
Water +2% neutral soap	nve	nve

*Alcohol mixture is a mixture of 50% ethanol, 30% methanol and 20% distilled water
Nve = No visible effect

Shelf Life and Fitness for Use:
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 and 60% RH*. 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:
Skydrol® is a registered trademark of the Monsanto Company
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.

WARRANTY

Brady products are sold with the understanding that the buyers will test them in actual use and determine for themselves their adaptability to their intended uses. Brady warrants to the buyers that its products are free from defects in material and workmanship, but limits its obligation under this warranty to replacement of the product shown to Brady's satisfaction to have been defective at the time Brady sold it. This warranty does not extend to any persons obtaining the product from the buyers. This warranty is in lieu of any other warranty, express or implied, including, but not limited to, any implied warranty of merchantability or fitness for a particular purpose, and of any other obligations or liability on Brady's part. Under no circumstances will Brady be liable for any loss, damage, expense, or consequential damages of any kind arising in connection with the use, or inability to use, Brady's products.