



Technical Data Sheet

Effective Date: 16-Jan-2017

BRADY B-7560P SURFACE PRINTED COILED PIPE MARKER WITHOUT OVERLAMINATE

Description:

GENERAL

Brady B-7560P Pipe markers are coiled surface printed polyester sheets. The markers are designed to be mechanically curled around a pipe and secured with the attached tape flap.

SPECIAL FEATURES

Brady B-7560P 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.

ROHS Environmental Compliance

Brady B-7560P is compliant to RoHS2 directive 2011/65/EU.

Details:

PHYSICAL PROPERTIES	TEST METHODS	AVERAGE RESULTS
Thickness	ASTM D1000 Total	0.127 mm
Performance properties tested on digitally printed B-7560P 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
Abrasion resistance	Taber Abraser, CS-10 grinding wheels 250g/arm, 100 cycles 500g/arm, 100 cycles	Slight fading Slight to moderate fading
Humidity resistance	30 days at 37°C and 95% R.H.	No visible effect

B-7560P can only be used indoor, 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.

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	Printing destroyed after first immersion	Printing destroyed
Alcohol mix	nve	nve
Methyl Ethyl Ketone	Printing destroyed after first immersion	Printing destroyed
Sodium Chloride (10%)	nve	nve
Sulfuric acid solution (10%)	nve	nve
Skydrol® 500B4	nve	nve
Gasoline	nve	nve
Acetone	Printing destroyed after first immersion	Printing destroyed
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.

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