Technical Data Sheet

BRADY B-992 GLOSSY SELF-LAMINATING FLUID LINE TUBE AND PIPE MARKER TAPE

TDS No. B-992
Effective Date: 6/6/2023

Description:

GENERAL

Print Technology: Thermal Transfer
Material Type: Topcoated transparent polyester
Finish: Gloss
Adhesive: Acrylic

APPLICATIONS

Brady B-992 is a Glossy Self-laminating Tube and Pipe Marker with a permanent acrylic adhesive, topside printed with an opaque thermal transfer printable portion and a clear end for self-laminating.

RECOMMENDED RIBBONS

Brady Series R6000

Details:
Adhesion tests performed on QQ-A-250/5 aluminum panels. Adhesion samples dwelled at room temperature for 72 hours prior to exposing to test condition. Adhesions tested within 15 minutes after removal of the panels from the test fluids.

Property	Test Method	Precondition	Average Result
Total Thickness	ASTM D 3652	NA	0.002 inch
Tensile Strength	ASTM D 3759	NA	31 lbs/in.
Elongation	ASTM D 3759	NA	90%
Adhesion	ASTM D 3330, Method A	Initial Adhesion 72 hour dwell	56 oz/in.
		Accelerated Weathering (ASTM-G-155, cycle 1), 96 hours	70 oz/in.
		Adhesive Stability (ASTM-G-155, cycle 1 no water), 20 hours	27 oz/in.
		Water Immersion, 24 hour	40 oz/in.
		JP5 Immersion (MIL-DTL-5624), 72 hour	41 oz/in.
		JP-8+100 Immersion (MIL-DTL-83133), 72 hour	36 oz/in.
		Lubricating Oil @ 200F Immersion (MIL-L-7808), 24 hour	50 oz/in.
		Hydraulic Fluid Immersion (MIL-PRF-5606), 72 hour	41 oz/in.
		Hydraulic Fluid Immersion (MIL-H-83282), 72 hour	35 oz/in.
Heat Resistance	MIL-T-9906C	100 hours at 325F (163C)	Adhesive discolors but print remains legible
Water Vapor Transmission	ASTM D3833	NA	1.20g H_2O/100 in^2/24 hrs

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 90° 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.)

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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