



*"If you can imagine it, Nadco will make it Stick."*

## OFM1002 Outdoor Imprintable Label Product

**Product Description** NADCO® Outdoor UL Recognized Computer Imprintable Polyester Label Products are durable, high performance materials that offer excellent thermal stability and moisture resistance. These polyester labels utilize NADCO® Adhesive P1400 which is a high performance tackified acrylic designed for use in demanding environments.

Construction	Product Number	Facestock	Adhesive	Liner
	<b>NADCO® Outdoor UL Recognized Computer Imprintable Polyester Label Product OFM1002</b>	.002 in. Brite Polyester Silver EDP	P1400 Perm. 21	50# SC Remoist 3.1 mil semi-bleached super calendered kraft sheet

(Calipers are nominal values)

**Typical Physical Properties**

**Note: The following technical information and data should be considered representative or typical only and should not be used for specification purposes.**

Adhesion properties determined per TLMI Method using 1.0 mil polyester with 1.0 mil of adhesive on a polished stainless steel panel.

<b>Peel Adhesion</b>	2.2 lbs./in. (528 N/m)	TLMI Method, 180° Peel, 12"/min., 1" wide sample
<b>Loop Tack</b>	1.8 lbs./in. (316 N/m)	TLMI Method, 12"/min., 1" wide sample
<b>Adhesive Coat Weight</b>	NADCO® Label Product OFM1002 2.0 g/100 in <sup>2</sup> ± 10%	Method E10MFP01
<b>Shear</b>	4 hours	TLMI Method, 0.25 in <sup>2</sup> x 500g
<b>Release</b>	NADCO® Label Product OFM1002 15 to 50 g/2 in.	TLMI Method, 180° removal, 300 in./min.
<b>Application Temperature</b>	40°F to 120°F (5°C to 49°C)	
<b>Service Temperature</b>	-20°F to 302°F (-29°C to 150°C)	

## Features

- Adhesive dry ingredients are listed by FDA as indirect food contact additives when used in food packaging with minimum opportunity for exposure. See 21 CFR 175.105.
- UL recognized for indoor/outdoor use UL files MH16411 and MH11410.
- Adhesive offers good UV resistance and excellent adhesion to a wide variety of substrates, including polyolefins.
- Liner for NADCO® Outdoor UL Recognized Computer Imprintable Polyester Label Product OFM1002 is designed for high-speed die cutting and matrix stripping. This liner has been remoisturized after silicone coating to restabilize the sheet and reduce side curl, an excellent choice for perforation and fanfold applications. This liner is standard on all computer imprintable films.

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## Application Ideas

- Durable goods, power tools, equipment and machinery, lawn and garden.

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## Printing

- Matte absorbent topcoating designed for computer imprinting applications, including dot matrix/impact and laser. Also accepts a variety of film inks, including flexo, screen, ion deposition, off set, letter press, and thermal transfer printing (the end user should fully evaluate specific ribbons for suitability). Topcoat will also accept ball point pen ink for signatures and other marking.

### Water-based Flexo inks:

Akzo Nobel Hydro Film 4000 Series

Arcar Ultra Film Series 5 Inks

### Ribbons:

Sony 4070

Sony 4075

Sony 5070

Iimak SP330

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## Storage Conditions

Store under normal conditions of 70°F (21°C) and 50% relative humidity. To minimize the effects of humidity on the products, package the die-cut and printed stock in polyethylene bags. Low density polyethylene (2-4 mils) can help prevent humidity penetration.

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## Shelf Life

To obtain best performance, use this product within two years from the date of manufacture.

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## Technical Information

The technical information, recommendations and other statements contained in this document are based upon tests or experience that NADCO® believes are reliable, but the accuracy or completeness of such information is not guaranteed.

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## Product Use

Many factors beyond NADCO® control and uniquely within user's knowledge and control can affect the use and performance of a NADCO® product in a particular application. Given the variety of factors that can affect the use and performance of a NADCO® product, user is solely responsible for evaluating the NADCO® product and determining whether it is fit for a particular purpose and suitable for user's method of application.

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