



The Association of Postconsumer Plastic Recyclers

Materials Found Conforming to the Thermoform Label Test

The Association of Postconsumer Plastic Recyclers, APR, has developed a protocol to help stakeholders determine the impact of label and adhesive choices on PET thermoform recycling: [The Thermoform Label Test](#)

The testing protocol was developed by consensus of the APR member stakeholders to factually represent the technical quality needs for thermoform recycling. The decision process is based on sound technical principles and evidenced by data obtained per established test methods. The use of the protocols is strictly voluntary and intended for use by the thermoform stakeholders.

APR publishes the conclusions of petition submissions for labels and adhesives which conform to the guidance from the voluntary thermoform program protocol. The petitions do not apply to other APR programs.

October 1, 2011

1. **Label Supply Company, Whitby, ON.**
 - a. Label: FMTF6
 - b. Face stock: 3 mm BOPP film
 - c. Adhesive: acrylic water borne adhesive
 - d. Ink system, by separate petition:
 1. LSTF1 label construction with FMTF6 label, Label Supply High Performance inks (water based) and IFTF9 polypropylene overlamine. Inks include, but are not limited to:
 - a. W11S - Process Yellow
 - b. W14S - Process Black
 - c. W12S - Process Magenta
 - d. W485 - 485 Red
 - e. W13S - Process Cyan
2. **UPM Raflatac, Inc., Mills River, NC**
 - a. Label: SP184W
 - b. Face stock: 54# Raflacoat; coated, semi-gloss paper
 - c. Adhesive: RP45; a modified, water-based acrylic dispersion adhesive



The Association of Postconsumer Plastic Recyclers

November 1, 2011

1. **Avery Dennison Corp.**, Mentor, OH
 - a. Label: DT200HD/S490
 - b. Face stock: direct print, thermal-coated paper
 - c. Adhesive: S490, acrylic water borne adhesive

December 1, 2011

1. **Avery Dennison Corp.**, Mentor, OH
 - a. Label: 54# SG/AT1A
 - b. Face stock: semi-gloss paper
 - c. Adhesive: AT1A, acrylic water borne adhesive with PVA modification
2. **Avery Dennison Corp.**, Mentor, OH
 - a. Label: 2.6 mil white BOPP/S490
 - b. Face stock: 2.6 mil white BOPP film
 - c. Adhesive: S490, acrylic water borne adhesive
3. **Avery Dennison Corp.**, Mentor, OH
 - a. Label: 2.0 mil clear BOPP/S2001
 - b. Face stock: 2.0 mil clear BOPP film
 - c. Adhesive: S2001, acrylic water borne adhesive
4. **Avery Dennison Corp.**, Mentor, OH
 - a. Label: TTC/S490
 - b. Face stock: thermal transfer-coated paper
 - c. Adhesive: S490, acrylic water borne adhesive

February 8, 2012

1. **Green Bay Packaging Inc.**, Green Bay, WI
 - a. Label: Semi-Gloss Paper with Aggressive Permanent Adhesive
 - b. Face stock: coated one side, semi-gloss paper
 - c. Adhesive: acrylic water borne adhesive
2. **Green Bay Packaging Inc.**, Green Bay, WI
 - a. Label: Direct Thermal Paper with General Purpose Permanent Adhesive
 - b. Face stock: top coated, direct thermal paper
 - c. Adhesive: acrylic water borne adhesive
3. **Green Bay Packaging Inc.**, Green Bay, WI
 - a. Label: Semi-Gloss Paper with All Temperature Adhesive



The Association of Postconsumer Plastic Recyclers

- b. Face stock: coated one side, semi-gloss paper
 - c. Adhesive: acrylic water borne adhesive
4. **Green Bay Packaging Inc.**, Green Bay, WI
- a. Label: Semi-Gloss Paper with General Purpose Permanent Adhesive
 - b. Face stock: coated one side, semi-gloss paper
 - c. Adhesive: acrylic water borne adhesive

May 15, 2012

1. **Wausau Coated Products, Inc.**, Wausau, WI
- a. Label: Wausau Coated Products W011752
 - b. Face stock: Indigo TC 60#, semi-gloss white paper
 - c. Adhesive: acrylic water borne adhesive, #245

August 31, 2015

1. Company: **Artcraft Label Inc.**, Burlington, ON
- a. Label: ProPETE™ P100
 - b. Face Stock: Paper Substrate
 - c. Adhesive: Acrylic water-borne adhesive
 - d. Ink System: UV Inks + UV Coating (Imatest™ Print Test)
2. Company: **Artcraft Label Inc.**, Burlington, ON
- a. Label: ProPETE™ P200
 - b. Face Stock: Paper Substrate
 - c. Adhesive: Acrylic water-borne adhesive
 - d. Ink System: UV Inks + BOPP Over-lamination (Imatest™ Print Test)
3. Company: **Artcraft Label Inc.**, Burlington, ON
- a. Label: ProPETE™ F100
 - b. Face Stock: BOPP Substrate
 - c. Adhesive: Acrylic water-borne adhesive
 - d. Ink System: UV Inks + UV Coating (Imatest™ Print Test)
4. Company: **Artcraft Label Inc.**, Burlington, ON
- a. Label: ProPETE™ F200
 - b. Face Stock: BOPP Substrate
 - c. Adhesive: Acrylic water-borne adhesive
 - d. Ink System: UV Inks + BOPP Over-lamination (Imatest™ Print Test)