



# Plastic & Synthetic Film Recycling Guide

The resin identification coding system was introduced in 1988 to meet the need for a nationwide, uniform system of identifying plastics for both manufacturers and recyclers. This guide identifies the seven types of recyclable plastics to help you distinguish among the different plastics in their various forms. Marked with the appropriate symbol, plastic and film products can be properly recycled and used again. GPA strives to bring you a variety of printable films and synthetics that offer you sustainable choices for every application.

| Code         | GPA Products   | Name   | Properties   | Applications/Uses  |
|--------------|--|--|--|--|
| <br>PETE     | <ul style="list-style-type: none"> <li>Ultra Film® Clear Polyester</li> <li>InCycle™ White Expanded PET</li> <li>Ultra Digital® Clear Polyester Transparency Film</li> </ul>   | Polyethylene Terephthalate<br><br>Common Name: Polyester | Clarity, strength, toughness, barrier to gas and moisture, resistance to heat. The easiest and most common plastic that is recycled.   | Menu boards, water and soft drink bottles, membrane switches, overlays, inserts, and many injection molded consumer product containers.  |
| <br>HDPE     | <ul style="list-style-type: none"> <li>Ultra Film® 100% Recycled White Polyethylene (35% post-consumer waste from milk jugs)</li> </ul>  | High-Density Polyethylene                                | Stiffness, strength, toughness, resistance to chemicals and moisture, permeability to gas, ease of processing and ease of forming. Like #1, widely accepted.                                   | Semi-permanent signage, interior/exterior signage, tags, labels, cosmetic packaging, yogurt containers and margarine tubs, grocery and retail bags.  |
| <br>PVC or V | <ul style="list-style-type: none"> <li>Ultra Film® White &amp; Clear Rigid Vinyl</li> <li>Ultra Digital® White Rigid Vinyl</li> </ul>  | Polyvinyl Chloride<br><br>Common Name: Vinyl             | Versatility, clarity, ease of blending, strength, toughness, resistance to grease, oil and chemicals.  | Indoor and retail P.O.P signage, shelf talkers, aisle violators, packaging, book covers, decals, loose-leaf binders, counter mats, mouse pads, packaging, floor tiles and mats, cassette trays, clear food and non-food packaging.                             |
| <br>LDPE     |  | Low-Density Polyethylene                                 | Ease of processing, strength, toughness, flexibility, ease of sealing, barrier to moisture.  | Shipping envelopes, garbage can liners, floor tile, furniture, film and sheet, paneling, frozen food bags, and bottles.  |
| <br>PP       | <ul style="list-style-type: none"> <li>Ultra Film® Opaque Polypropylene</li> <li>Ultra Film® White Ultra Synthetic Paper</li> <li>Ultra Digital® White Ultra Synthetic Paper</li> <li>Ultra Film® White Translucent Lightbox Material</li> <li>ClingZ® &amp; ClingZ® Versaliner II in White &amp; Clear (paper backer recyclable separately for standard offset ClingZ® only)</li> </ul> | Polypropylene  | Strength, toughness, resistance to heat, chemicals, grease and oil, versatile, barrier to moisture.  | Plant and marine life tags, maps, menus, book covers, P.O. P. displays, flexible and rigid packaging, indoor/outdoor signs, backlit signs, booklets, charts, tags, toys and games, calendars, business cards, counter mats, shelf talkers, trays, and posters. |
| <br>PS       | <ul style="list-style-type: none"> <li>Ultra Film® White Styrene</li> <li>Ultra Digital® White Styrene</li> </ul>  | Polystyrene<br><br>Trademarked Name: Styrofoam™          | Versatility, insulation, clarity, easily formed.   | Backlit signs, business cards, charts, tags, counter mats, labels, P.O.P displays, phone cards, loyalty cards, posters, rulers, plant ID stakes, temporary and permanent signage, formed packaging, menus, product labels, flip charts, and toys and games.    |
| <br>OTHER    |  | Other  | Dependent on resin or combination of resins. Use of this code indicates that the plastic is made with a resin other than the six listed above, or is made of more than one resin listed above. | Bottles, plastic lumber applications, three and five gallon reusable water bottles, some citrus juice and ketchup bottles, and various other items.  |



## GPA PRODUCT LINE

- Ultra Digital® Substrates for HP Indigo Presses
- Ultra Film® (Pressure Sensitive & Non-Adhesive Films)

- Ultra Laser™ Laser Imaging Labels & Paper
- Ultra Bak Plus® Pressure Sensitive Paper