



## SUSTAINABLE BY DESIGN – Enabling plastic recycling with our RW85C adhesive



The Association of  
Plastic Recyclers

The Association of Plastic Recyclers (APR) has recognized UPM Raflatac's sustainable film labels constructed with RW85C wash-off adhesive and a 90% recycled content PET liner as exceeding their strict set of standards for recyclable label products.

Ideal for labeling PET containers in the food, beverage, home care and personal care industries, these clear, white, and metalized polypropylene product combinations can undergo common PET recycling processes without contaminating any of the PET flake by-products. During the washing process, labels easily separate from PET containers and float, allowing high-value, clean PET flakes to be recovered. Exceeding APR requirements is a clear demonstration of UPM Raflatac's commitment to reducing the environmental impact of its label products by helping to reduce waste and improve the plastic recycling process.

To achieve APR recognition, product innovations like these must meet or exceed the most challenging test conditions and strictest guidance criteria developed as the result of a multi-industry consensus of the key issues related to recycling post-consumer PET. The protocol is beneficial to worldwide recycling efforts and is intended to improve the quality of PET container recycling by helping companies make informed and sustainable decisions.

- APR-recognized constructions featuring RW85C wash-off adhesive
- Special adhesive formulation washes off cleanly, allowing easy recovery of high-value PET flakes
- Available with clear, white, or metalized PP film face materials and a 90% recycled content PET liner

# UPM RAFLATAC TECHNICAL INFORMATION

05/2018 AM/APAC, UPM Raflatac

## FACE 2.0 mil PP CLEAR TC

Biaxially-oriented, top-coated transparent polypropylene film for prime labeling applications where resistance against water, oil and chemicals is important.

Substance weight	31 lbs./ream (25"x38")	TAPPI-410
Caliper	2.00 mil	TAPPI-411
Tensile strength MD	29,000 psi	ASTM D882
Tensile strength CD	26,100 psi	ASTM D882

## ADHESIVE RW85C

Emulsion acrylic permanent adhesive designed specifically for applications where labels applied to PET containers need to be washed off cleanly to allow the container to be recycled.

Tack	11N FTM 9
Labeling temp. min.	-20 °F
Service temp. range	-65...200 °F

## FACE 2.4 mil PP WHITE TC

White, pearlescent, glossy, biaxially oriented, top-coated polypropylene film for prime labeling applications where resistance against water, oil and chemicals is important.

Substance weight	28 lbs./ream (25"x38")	TAPPI-410
Caliper	2.40 mil	TAPPI-411
Tensile strength MD	13,200 psi	ASTM D882
Tensile strength CD	32,000 psi	ASTM D882
Opacity	87%	TAPPI-425

## LINER 1.2 mil PET PCR90

Clear polyester film specially designed for use with clear film face materials or applications requiring excellent clarity or high strength. This is a 90% post consumer recycled content liner.

Substance weight	26 lbs./ream (24"x36")	TAPPI-410
Caliper	1.20 mil	TAPPI-411

## FACE 2.0 mil PP SILVER METALIZED TC

Silver metalized, glossy, biaxially-oriented, top-coated polypropylene film for prime labelling applications where resistance against water, oil, and chemicals is important.

Substance weight	32 lbs./ream (25"x38")	TAPPI-410
Caliper	2.00 mil	TAPPI-411
Tensile strength MD	23,000 psi	ASTM D882
Tensile strength CD	37,100 psi	ASTM D882

### THE RW85C PRODUCT OFFERING

Sales code	Product description
SY1422Y	2.0 mil PP CLEAR TC RW85C 1.2 mil PET PCR90
SY1407H	2.4 mil PP WHITE TC RW85C 1.2 mil PET PCR90
SY1423Z	2.0 mil PP SILVER METALIZED TC 1.2 mil PET PCR90



www.upmraflatac.com

### WARRANTY

Our recommendations are based on our knowledge and experience. All assertions are believed to be reliable and accurate. However, the furnishing of such information and claims is for reference purposes only and does not constitute a warranty of any kind. Actual product performance should always be tested to determine its utility.