

ProActive Recyclable

Films for Form/Fill/Seal Applications



ProActive Recyclable encompasses a line of high-performance recyclable products that can be collected through plastic film recycling streams.

The ProActive Recyclable films are engineered to run at high speeds for form/fill/seal applications.

R-1000	R-1050	R-1200	R-4000
> Polyethylene-based film	> Polyethylene-based film	> Polyethylene-based film	> Polypropylene-based film
> Excellent heat resistance for high-speed form/fill/seal applications	> Good heat resistance for form/fill/seal applications	> Excellent heat resistance and very high clarity	> Higher heat resistance than standard OPP structures for better form/fill/seal speeds
> Standard moisture barrier	> Standard moisture barrier	> Extra high moisture barrier	> Standard and high oxygen barrier
> High oxygen barrier available	> High oxygen barrier available	> Extra high oxygen barrier	> Excellent moisture, mineral oil and grease barrier
> Surface printed with protective overprint varnish	> Surface printed with protective overprint varnish	> Surface printed with protective overprint varnish	> Reverse or surface printed
> Pre-qualified for in-store drop off and polyethylene film collection streams	> Recyclable in polyethylene film collection streams	> Pre-qualified for in-store drop off and polyethylene film collection streams	> Considered recycle-ready where streams exist

* Each end-user brand is responsible for reviewing their specific product with How2Recycle®, or other appropriate authority, for residual product contamination risk prior to claims made regarding store drop-off package recyclability.

ProActive Recyclable Products

At-A-Glance



Product	Product Performance			Regulatory		Application		Manufacturing Location	
	Seal Strength	Water Vapor Transmission Rate	Oxygen Transmission Rate	FDA 21 CFR 177.1520	Regulation (EU) 10/2011*	Dry/Frozen	Hot Fill	USA	EUR
R-1000	>25N/15mm (lock seal)	<0.15g / 100in ² / day (3.5mil film) <2.5g / m ² / day (87.5μ film) Standard and High barrier	<0.1cc / 100in ² / day (3.5mil film) <2cc / m ² / day (87.5μ film) High barrier	●	●	●		●	
R-1050	>25N/15mm (lock seal)	<0.1g / 100in ² / day (4.7mil film) <1.5g / m ² / day (120μ film) Standard and High barrier	<0.08cc / 100in ² / day (4.7mil film) <1cc / m ² / day (120μ film) High barrier	●	●	●			●
R-1200	>25N/15mm (lock seal)	<0.05g / 100in ² / day (4mil film) <0.78g / m ² / day (102μ film)	<0.05cc / 100in ² / day (4mil film) <0.78cc / m ² / day (102μ film)	●		●		●	
R-4000	>30N/15mm (lock seal)	<0.04g / 100in ² / day (3.5mil film) <0.5g / m ² / day (87.5μ film) Standard and High barrier	<0.04cc / 100in ² / day (3.5mil film) <0.5cc / m ² / day (87.5μ film) High barrier	●	●	●	●	●	●

* For complete compliance information, please refer to the detailed document of compliance.