



RECOVER

RECYCLED PET FILM





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SSI North America is excited to introduce ReCover, our new range of recycled PET film suitable for membrane pressing and flat lamination. ReCover is made from recycled post-consumer PET bottle waste - through a process of selection, purification, crushing and extrusion our manufacturer is able to create a recycled film with exceptional quality and consistency. Everyone can agree that lengthening the life-cycle of a product is a good thing for us all and turning a waste item into a resource helps conserve natural resources and reduces the energy required to extract and process raw materials. Being able to offer ReCover to our customers is an important step in creating added value and accessing market opportunities, reflecting consumer interest and eco-friendly sustainable building practices.

ReCover is available in solid colors, with either a Satin or High Gloss finish, but with the same intrinsic performance qualities and workability of a regularly sourced quality film. ReCover is an innovative and creative addition for every program.

ReCover is a solid color decorative film whose main raw material is mechanically recycled PET bottle waste. It does not generate toxic gas when incinerated. It has one of the lowest combustion temperatures among all plastics and thus minimizes damage to incinerator furnaces. Formaldehyde, toluene and xylene are not used in production processing.



Applications	Processing
<ul style="list-style-type: none">• Cabinetry• Cabinet doors & drawer fronts• Fixture and display• Wall panels	<ul style="list-style-type: none">• Vacuum forming• Membrane pressing• Profile wrapping• Flat lamination



RECOVER TECHNICAL DATA SHEET

DIMENSIONS

Index	Specifications	Tolerance
Thickness	.30mm	0.300mm ± 7%
Width	1440mm (Usable 1350mm)	Usable 1350mm - 0mm + 20mm

PHYSICAL AND MECHICAL PROPERTIES

Index	Test Value	Test Method
Surface Gloss Level (60°) High Gloss	88	With the tolerance of ±5
Surface Gloss Level (60°) Satin	15	With the tolerance of -2 +5
Scratch resistance	Pencil strength	HB
		Under the condition of 1kg load
Taber abrasion resistance	13.1mg	ISO9352 CS-17/1000 times
Heat shrinkage	MD	-8.0%
	TD	-8.0%
		Under the condition of 100°C(212F) for 10 min.
Tensile strength at yield at 23°C	Solid Color	MD
		TD
		50 MPa
		50 MPa
Tear strength at yield at 23°C	Solid Color	MD
		TD
		250 N/mm
		250 N/mm
Elongation at break at 80°C	Minimum 100%	CIT method (speed: 50mm/min)
Film impact at 23° C	2.5 kN	ASTM D3420
Dry heat at 70° C	Rating: 4	EN 12722
Weather resistance	Xenon Arc weather meter	No appreciable change after 400hrs
		JIS K-7350 (ISO 4892-2) (CIT Item No.:VMR4773 / White)

STAIN AND CHEMICAL RESISTANCE

Index	Specifications	Tolerance
Acetic acid 10% aqueous solution	No appreciable change	DIN 68861-1 Grade 1B
Citric acid 10% aqueous solution	No appreciable change	
Ammonia 10% aqueous solution	No appreciable change	
Ethyl Alcohol non denatured, 48% aqueous solution	No appreciable change	
Red wine	No appreciable change	
Coffee	No appreciable change	
Black tea	No appreciable change	
Black currant juice	No appreciable change	
Condensed milk	No appreciable change	
Cleaning benzine	No appreciable change	
Olive oil	No appreciable change	
Butter	No appreciable change	
Mustard	No appreciable change	

* The above values should be considered indicative.

It is each users responsibility to ensure the product identifies with its requirements and all legislation concerning its use.