

# R-ESC

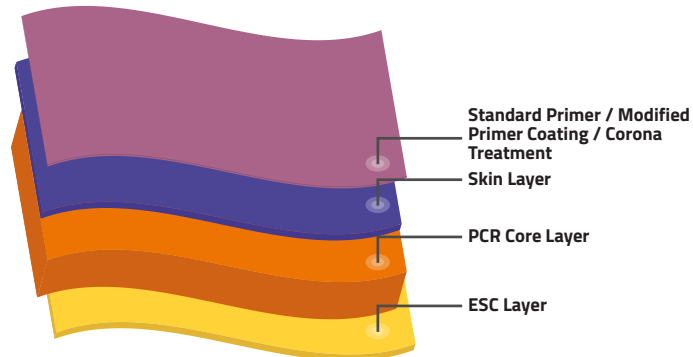
## PCR BASED EASY STACKABLE FILM

R-ESC is a transparent BOPET film. The film is an Untreated "Functional" surface with the other surface being Standard Primer Coated, Modified Primer Coated, or Corona Treated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

### KEY FEATURES:

- Excellent machinability & good handling properties
- Specially modified functional surface is designed to prevent stacked bags from slipping in storage or during palletization
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

## FILM STRUCTURE



### APPLICATION:

- Printing & Lamination
- Easy stacking of bags & pouches

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES
THICKNESS		Internal	Micron	12
			(Gauge)	48
YIELD		Internal	m² / kg	59.52
			in² /lb	41934
SURFACE TENSION (min) # (Corona Treatment) (Modified Primer Coated surface) (Standard Primer Coated surface)		ASTM D-2578	dyne/cm	52
				52
				40
COF (max) (CT/UT) (FL (CT) / FL (CT)) "High COF Surface" (FL (UT) / FL (UT)) "High COF Surface" (AU/AU or AT/AT) (FL/AU or FL/AT)		ASTM D-1894	-	0.45
				0.60-0.70
				0.60-0.80
				0.30-0.45
				0.30-0.45
HAZE (max)		ASTM D-1003	%	1.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1900
	TD			2000
	MD		(Psi)	27000
	TD			28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	105
	TD			85
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0
	TD			1.0
MVTR (38° C & 90% RH) (typical)		ASTM F-1249	gm/m²/day	45
			(gm/100 in²/day)	2.9
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	130
			(cc/100 in²/day)	8.5

# The inherent surface tension of the untreated side of any PET film is a minimum of 42 dyne/cm.

### STORAGE & HANDLING

SELEXIBLE needs to be stored in a warehouse below 35°C (95°F) and should not be exposed to direct sunlight, bright light sources, or high humidity. If the material is stored in the recommended conditions, SELEXIBLE is suitable for use within 270 days from the date of shipment.

### FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

### DISCLAIMER

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## Selexible

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