

# R-AUT

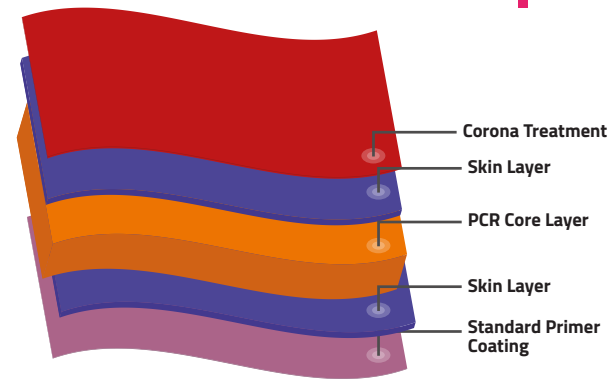
## STANDARD PRIMER COATED PCR FILM

R-AUT is a transparent BOPET film. The film is one side Standard Primer Coated and the other side Corona Treated. This Data Sheet applies to all PCR content levels (30, 50, 90, and 100%).

### KEY FEATURES:

- High clarity
- Primer coating provides excellent adhesion with inks & adhesives
- Corona treatment improves bonding
- Excellent machinability & handling properties
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

## FILM STRUCTURE



### APPLICATION:

- Converting
- Printing & Lamination
- Form, Fill, & Seal Structures
- Hot fill, Pasteurization

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES								
THICKNESS		Internal	Micron	8	9	10	12	19	23	30	36	50
			(Gauge)	32	36	40	48	76	92	120	144	200
YIELD		Internal	m² / kg	89.28	79.36	71.42	59.52	37.59	31.05	23.80	19.84	14.28
			in² /lb	62901	55912	50318	41934	26483	21876	16768	13978	10060
SURFACE TENSION (min) (Standard Primer Coated surface) (Corona Treated surface)		ASTM D-2578	dyne/cm	40								
				52								
COF (max) (One side to the other side)		ASTM D-1894	-	0.50	0.50	0.50	0.50	0.50	0.45	0.45	0.45	0.40
HAZE (max)		ASTM D-1003	%	4.0	4.0	4.0	4.0	4.0	4.5	4.5	5.0	5.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm²	1900	1900	1900	1900	1900	1900	1900	1750	1750
	TD			2000	2000	2000	2000	2000	2000	2000	2000	2000
	MD		(Psi)	27000	27000	27000	27000	27000	27000	27000	25000	25000
	TD			28500	28500	28500	28500	28500	28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	90	90	100	105	110	115	120	120	125
	TD			80	80	80	85	85	90	90	90	95
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	50	50	50	45	35	30	25	20	16
			(gm/100 in²/day)	3.2	3.2	3.2	2.9	2.3	2.0	1.6	1.3	1.0
OTR (23° C & 0% RH) (typical)		ASTM D-3985	cc/m²/day	155	155	155	130	90	80	75	70	45
			(cc/100 in²/day)	10.1	10.1	10.1	8.5	5.8	5.2	4.8	4.5	2.9

**STORAGE & HANDLING** Untreated side of any PET film is a minimum of 42 dyne/cm.

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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