



R-STF

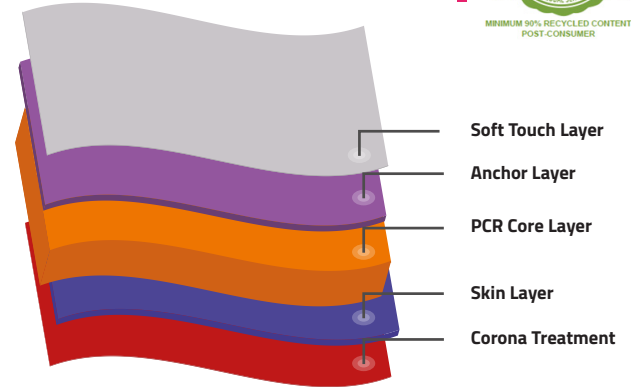
SOFT TOUCH MATTE FILM

R-STF is a soft touch / velvet feel matte BOPET film. The film is specially designed to laminate high quality graphic media with a velvet feel similar to peach skin. This data sheet applies to all PCR content levels (30, 50, 90 and 100%).

KEY FEATURES:

- Excellent matte homogeneity / dispersion
- Excellent soft velvet feel
- High haze (<90%)
- Low gloss on matte side
- Excellent contact clarity
- Good scratch resistance
- Post Consumer Recycle content for a low carbon footprint (all % PCR)

FILM STRUCTURE



APPLICATION:

- Luxury Packaging
- Label
- Graphic Advertising Banners
- High end stationary products like diary & book covers

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES	
THICKNESS		Internal	Micron	14	25
			(Gauge)	56	100
YIELD		Internal	m ² / kg	50.29	29.02
			in ² / lb	35365	20400
SURFACE TENSION (min) (Soft Touch "Matte" surface) (Corona Treated surface)		ASTM D-2578	dyne/cm	(Greater than) > 50 (Greater than) > 40	
COF (max) (One side to the other side)		ASTM D-1894	-	1.00	
HAZE (max)		ASTM D-1003	%	90.0	
COLOR (range)		ASTM D65 / 10 ⁰	b*	0 ± 1	
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm ²	1900	1900
	TD			2000	2000
	MD		(Psi)	27000	27000
	TD			28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	90	115
	TD			80	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0	
	TD			1.0	
GLOSS (range) (Soft Touch "Matte" Surface)		ASTM D-2457	GU	10-15	
COATING HARDNESS (range)		ASTM D-3363	-	HB - H	
COATING ANCHORAGE		ASTM D-3359	Internal	PASSES TEST	

STORAGE & HANDLING

FLEXPET™ 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, FLEXPET™ is suitable for use within 180 days from the date of shipment.

FOOD CONTACT

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

DISCLAIMER

It is the responsibility of our customer to determine that their use of our products is safe, lawful, and technically suitable in their intended applications. The technical data sheets are provided for discussion purposes only. The customer may not rely on the data provided for any manufacturing purpose. The values provided in the technical data sheet represent typical values based on the best of our knowledge as of the date when the data was compiled. The data is offered solely to provide possible suggestions for your own experimentation and not as a guarantee for the material supplied. The user is solely responsible for the end use of the product and needs to perform their own tests to confirm the product suitability/compatibility in all respects. Flex provides no warranty and accepts no liability for any loss or fitness of the product for any specific purpose based on the information contained in the technical data sheets. Flex reserves the right to change the technical data sheet at any time without prior notice.

FlexFilms

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