

**Product Description:**

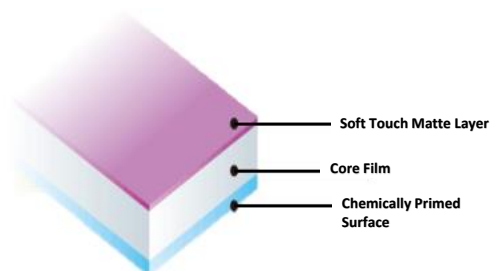
- F-STF is a soft touch / velvet feel matte BOPET film
- The film is specially designed to laminate high quality graphic media with a velvet feel similar to peach skin

**Application:**

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

**Key Features:**

- Excellent matte homogeneity / dispersion
- Excellent soft velvet feel
- High haze (>90%)
- Low gloss on matte side
- Excellent contact clarity
- Good scratch resistance

**Film Structure**


PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUES	
THICKNESS	Internal	Micron	15	23
		(Gauge)	60	92
YIELD		m <sup>2</sup> /kg	47.8	31.1
		in <sup>2</sup> /lb.	33500	21900
SURFACE TENSION (range) (Soft Touch "Matte" Surface) (Chemically Primed Surface)	D-2578	Dyne/cm	40-44 50-55	
COF (max) (One side to the other)	D-1894	-	1.05	
HAZE (min)	D-1003	%	90.0	
COLOR (range)	D65 / 10°	b*	0 ± 1	
TENSILE STRENGTH AT BREAK (min)	MD	Kg/cm <sup>2</sup>  (Psi)	1900	1900
	TD		2000	2000
	MD		27000	27000
	TD		28500	28500
ELONGATION AT BREAK (min)	MD	%	90	115
	TD		80	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	D-1204	3.0	
	TD		3.0	
GLOSS (range) (Soft Touch "Matte" Surface)	D-2457	GU	5-8	
COATING HARDNESS (range)	D-3363	-	HB - H	
COATING ANCHORAGE	D-3359	Internal	PASSES TEST	
AVAILABLE WIDTH (max)	-	Inches	79	

Rev. Date: 2/1/2017

**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 6 month from the date of manufacturing.

**FOOD CONTACT**

Specific documents and SDS are available on request.

**DISCLAIMER**

It is the responsibility of our customers to determine that their use of our product(s) is safe, lawful, and technically suitable in their intended applications. The values given in the technical data sheet represent typical values based on the best of our knowledge on the date when the data was compiled. It 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 Films (USA) Inc. gives no warranty nor accepts liability for any loss and fitness of the product for any specific purpose. Flex reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.