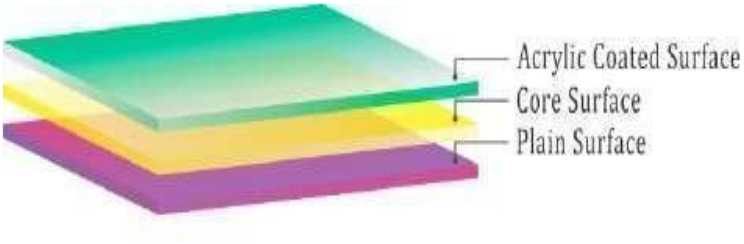
SURYA SGF
SHAPING FUTURE

SGF BOPET F-UV

FILM TYPES:

F-UVI→ Chemical Coated Inside,Untreated Outside
F-UVO→Chemical Coated Outside,Untreated inside
F-UVICT→Chemical Coated Inside,Corona Outside
F-UVOCT→Chemical Coated Outside,Corona inside

Chemical Coated (High Gsm)Polyester Film (F-UV)



FILM STRUCTURE

The Big Salient Feature of SGF BOPET Film

Good process ability.

Good stiffness mechanical properties

KEY FEATURES:

F-UV is transparent film with one side plain or corona treated surface and other side Acrylic based coating: The film possesses good Ink adhesion property on the coated surface which provieds good laminate bond strength.

APPLICATIONS:

Suitable for improved ink adhesion for high quality printing, laminations and high speed application.Suitable for packaging food and non food like tea,coffee,shampoo,pesticides liquid, detergents etc.

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TECHNICAL DATA SHEET

PROPERTIES		TEST METHOD	UNIT	Typical Values					
THICKNESS [NOMINAL] (±2.5%)		SGF-TM	Micron	8.00	10.00	12.00	15.00	19.00	23.00
			(Gauge)	32.00	40.00	48.00	60.00	76.00	92.00
FILM DENSITY		D-1505	gm/cc	1.40	1.40	1.40	1.40	1.40	1.40
GRAMMAGE		SGF-TM	gm/m²	11.20	14.00	16.80	21.00	26.60	32.20
YIELD		SGF-TM	m²/kg	89.29	71.43	59.52	47.62	37.59	31.06
Haze(Max)		ASTM - D 1003	%	3.50	3.50	3.50	3.50	3.50	4.00
TREATMENT LEVEL [NOMINAL](±2)	Plain Side	D-2578	dy/cm	44					
	Coated Side			40					
	Corona Side			52					
COEFFICIENT OF FRICTION:ONE SIDE TO ANOTHER SIDE (Max)	Static	SGF-TM	-	0.45	0.45	0.45	0.45	0.45	0.45
	Dynamic			0.40	0.40	0.40	0.40	0.40	0.40
TENSILE STRENGTH (Min)	MD*	D-882	kg/cm²	1900	2000	2100	2100	2100	2100
	TD*			1900	2000	2000	2000	2000	2000
ELONGATION (Min)	MD*	D-882	%	100	110	110	110	110	110
	TD*			90	100	100	100	100	100
Shrinkage @ 150° C/30'(Max)	MD*	D-1204	%	2.8	2.4	2.4	2.4	2.4	2.4
	TD*			0.8	0.6	0.6	0.6	0.6	0.6

Note: MD – Machine Direction, TD – Transverse Direction

STORAGE & HANDLING

SGF BOPET does not require special storage conditions. It is recommended to storage below 30°C in order to avoid any deterioration of the film surface properties. It is advisable to use the material on FIFO basis. The film should be kept at anperating environment for 24 hours before processing.SGFBOPET is best suitable for use within 6 months from date of dispatch.

DISCLAIMER

It is the responsibility of our customers 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.SGF provides no warranty and accepts no liability for any loss or fitness of the product for any

***TDS issued on 01-08-2024. All previous version of this grade are invalid.**

SGF BOPET FILMS Manufacturing Facilities in India SURYA GLOBAL FLEXIFILIMS Pvt.Ltd, A-119/1,Sector-29 Yamuna Expressway Industrial Development authority Gautam Buddha Nagar, Uttar pradsh-203201,