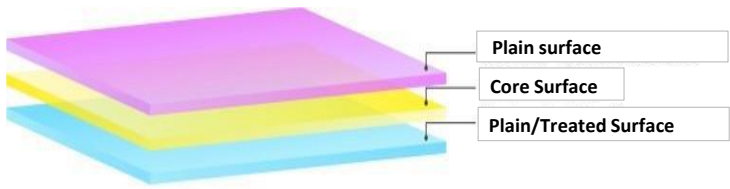




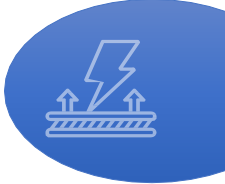
SGF BOPET F-TW
FILM TYPES:
F- TW → Bothside Untreated
F- TWICT → Corona treated Inside, outside Untreated
F- TWOCT → Corona treated Outside, Inside Untreated

Twist Grade Polyester Film (F- TW)



**FILM
STRUCTURE**

The Big Salient Feature of SGF BOPET Film



Good process ability.



Good stiffness
mechanical
properties

KEY FEATURES:
F - TW is a biaxially oriented transparent polyester Film . The Film is One side Corona Treated with one side Untreated or Bothside Untreated, Having good clarity, transparency Good adhesion to ink. The film have Excellent twistability and dead fold retention ability.

APPLICATIONS:
Film is suitable for metallizing, printing, lamination, Gift wrapping, chocolate wrapping , Candy wrapping.

PROPERTIES		TEST METHOD	UNIT	Typical Values				
THICKNESS [NOMINAL] (±2.5%)		SGF-TM	Micron	15.00	18.00	20.00	23.00	30.00
			(Gauge)	60.00	72.00	80.00	92.00	120.00
FILM DENSITY		D-1505	gm/cc	1.40	1.40	1.40	1.40	1.40
GRAMMAGE		SGF-TM	gm/m ²	21.00	25.20	28.00	32.20	42.00
YIELD		SGF-TM	m ² /kg	47.62	39.68	35.71	31.06	23.81
Haze(Max)		ASTM - D 1003	%	4.00	4.50	4.50	5.00	5.00
TREATMENT LEVEL [NOMINAL](±2)	Plain Side	D-2578	dy/cm	44				
	Corona Side			54				
COEFFICIENT OF FRICTION:ONE SIDE TO ANOTHER SIDE (Max)	Static	SGF-TM	-	0.50	0.50	0.50	0.50	0.50
	Dynamic			0.45	0.45	0.45	0.45	0.45
TENSILE STRENGTH (Min)	MD*	D-882	kg/cm ²	2100	2100	2100	2100	2100
	TD*			2300	2300	2300	2300	2300
ELONGATION (Min)	MD*	D-882	%	100	110	115	115	120
	TD*			85	85	90	90	95
Shrinkage @ 150° C/30'(±10%)	MD*	D-1204	%	28	28	28	28	28
	TD*			33	33	33	33	33

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 pradesh-203201,