



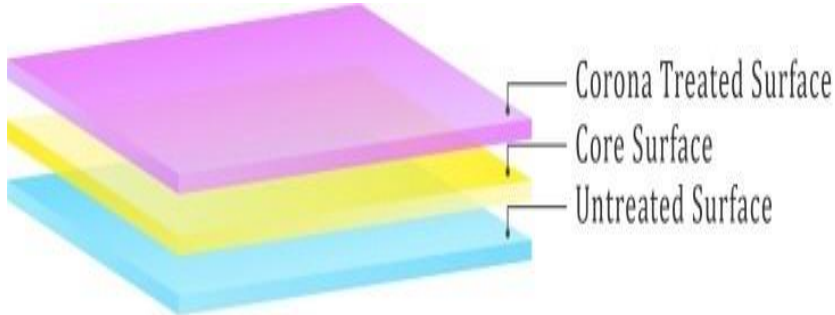
### SGF BOPET F-CT

#### FILM TYPES:

F-CTI → Corona Treated Surface Inside, Untreated Outside

F-CTO → Corona Treated Surface Outside, Untreated inside

## Corona Treated Polyester Film (F-CT)



**FILM  
STRUCTURE**

### The Big Salient Feature of SGF BOPET Film



Good process ability.



Good stiffness  
mechanical  
properties

#### KEY FEATURES:

SGF BOPET F-CT- is transparent film with one side plain surface and other side Corona treated. The film possesses good thermal, mechanical, optical and surface properties along with excellent transparency and dimensional Stability. Corona treated side can be found inside or outside as per customer required.

#### APPLICATIONS:

Suitable for Printing, Metallizing and Lamination process in flexible packaging applications.

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/m <sup>2</sup>	11.20	14.00	16.80	21.00	26.60	32.20
YIELD		SGF-TM	m <sup>2</sup> /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					
	Corona Side			52					
COEFFICIENT OF FRICTION: ONE SIDE TO	Static	SGF-TM	-	0.55	0.55	0.55	0.55	0.55	0.55
	Dynamic			0.50	0.50	0.50	0.50	0.50	0.50
TENSILE STRENGTH (Min)	MD*	D-882	kg/cm <sup>2</sup>	1900	1900	2000	1900	1900	1900
	TD*			1900	1900	2000	2000	2000	2000
ELONGATION (Min)	MD*	D-882	%	100	100	110	110	120	120
	TD*			90	90	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.

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