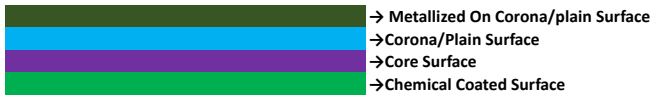


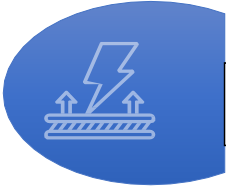
**SGF BOPET F-UV-MD**  
**FILM TYPES:**  
**F-CTIUV-MD**→ Metallized on Corona Inside, Chemical coated Outside  
**F-CTOUV-MD**→ Metallized on Corona Outside, Chemical coated inside  
**F-PLIUV-MD**→ Metallized on Plain Inside, Chemical coated Outside  
**F-PLOUV-MD**→ Metallized on Plain Outside, Chemical coated inside

**Metallized Chemical Coated Polyester Film (F-UV-MD)**



**FILM STRUCTURE**

**The Big Salient Feature of SGF BOPET Film**



Good process ability.



Good stiffness mechanical properties

**KEY FEATURES:**  
 F-UV-MD is Metallized polyester film suitable for flexible packaging application. This film is metallized on plain OR Corona surface and other surface is chemically coated which is suitable for printing with UV curable inks. This film having high gloss and barrier Properties. This Film grade complies with FDA and EC regulations for food packaging.

**APPLICATIONS:**  
 Film is suitable for printing, lamination in flexible packaging application.

PROPERTIES	TEST METHOD	UNIT	Typical Values		
THICKNESS [NOMINAL] (±2.5%)	SGF-TM	Micron	10.00	12.00	
		(Gauge)	40.00	48.00	
FILM DENSITY	D-1505	gm/cc	1.40	1.40	
GRAMMAGE	SGF-TM	gm/m <sup>2</sup>	14.00	16.80	
YIELD	SGF-TM	m <sup>2</sup> /kg	71.43	59.52	
Transmission Rate WVTR(38°,90%RH)	ASTM-F-1249	gm/m <sup>2</sup> /day	OD(±5%)-2.2	≤1.40	≤1.30
			OD(±5%)-2.5	≤1.20	≤1.10
Transmission Rate OTR(23°,0%RH)	ASTM-D-3985	cc/m <sup>2</sup> /day	OD(±5%)-2.2	≤1.20	≤1.20
			OD(±5%)-2.5	≤1.10	≤1.10
TENSILE STRENGTH (Min)	D-882	kg/cm <sup>2</sup>	MD*	1900	2000
			TD*	1900	2000
ELONGATION (Min)	D-882	%	MD*	100	110
			TD*	90	100
Shrinkage @ 150° C/30'(Max)	D-1204	%	MD*	2.4	2.4
			TD*	0.6	0.6
METAL TO FILM BOND STRENGTH-AVG	SGF-TM	Gm/25mm	150		

**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,