

# F-DSC-UA

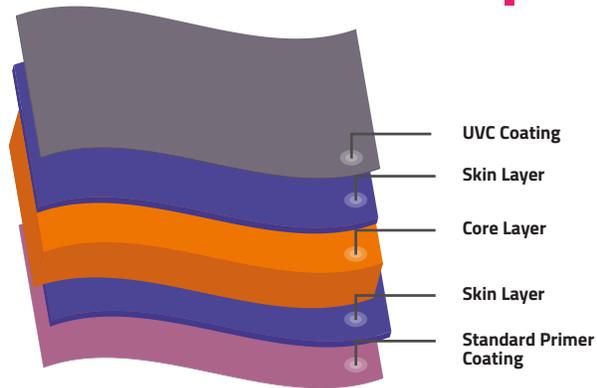
## BOTH SIDES COATED - UVC & STANDARD PRIMER

F-DSC-UA is a transparent BOPET film. The film is UVC Coated on one side and Standard Primer Coated on the other side.

### KEY FEATURES:

- High clarity
- Primer coating provides excellent adhesion with inks & adhesives
- Excellent machinability & handling properties
- UVC coating is suitable for UV offset sheet printing

## FILM STRUCTURE



### APPLICATION:

- Film is designed for UV offset sheet printing in box lamination

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES			
THICKNESS		Internal	Micron	12	23	36	50
			(Gauge)	48	92	144	200
YIELD		Internal	m <sup>2</sup> / kg	59.52	31.05	19.84	14.28
			in <sup>2</sup> /lb	41934	21876	13978	10060
SURFACE TENSION (min) (UVC Coated surface)		ASTM D-2578	dyne/cm	50			
(Standard Primer Coated surface)				40			
COF (max) (One side to the other)		ASTM D-1894	-	0.45	0.40	0.40	0.40
HAZE (max)		ASTM D-1003	%	3.5	4.0	4.0	4.5
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm <sup>2</sup>	1900	1900	1750	1750
	TD			2000	2000	2000	2000
	MD		(Psi)	27000	27000	25000	25000
	TD			28500	28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	105	115	120	125
	TD			85	90	90	95
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0			
	TD			1.0			
MVTR (38°C & 90% RH) (typical)		ASTM F-1249	gm/m <sup>2</sup> /day	40	30	20	16
			(gm/100 in <sup>2</sup> /day)	2.6	2.0	1.3	1.0
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m <sup>2</sup> /day	130	80	70	45
			(cc/100 in <sup>2</sup> /day)	8.5	5.2	4.5	2.9

### 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 270 days from the date of shipment.

### FOOD CONTACT

FLEXPET™ complies with EU and FDA regulations on plastic materials used for food grade applications. Specific documents and SDS are available on request.

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