

TECHNICAL DATA SHEET
Product Description:

F-DPA is a transparent polyester film

It is one side corona treated or both side untreated

Applications:

Metallization

Dairy product Application

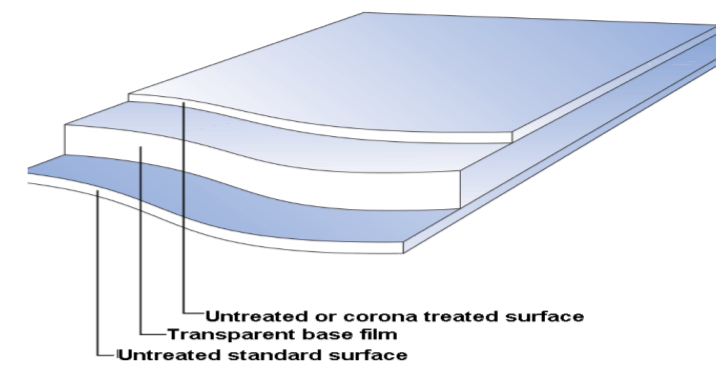
Key Features:

Very good gloss & clarity

Excellent surface and good handling properties

Excellent mach inability & dimensional stability

Excellent mechanical properties

FILM STRUCTURE


PROPERTIES		TEST METHOD (ASTM)	UNIT	TYPICAL VALUE	
				23	36
THICKNESS		Internal	Micron	23	36
			(Gauge)	92	144
FILM DENSITY		D-1505	gm/cc	1.4	1.4
GRAMMAGE		Internal	gm/m ²	32.2	50.4
YIELD		Internal	m ² /kg	31.05	19.84
			in ² /lb	21876	13978
TREATMENT LEVEL #	(Min)	D-2578	dyne/cm	52	52
Corona treated Side					
COEFF OF KINETIC FRICTION	(Max)	D-1894	-	0.50	0.45
(Corona treated to Untreated Side)					
	(Untreated to Untreated side)			0.45	0.40
HAZE	(Max)	D-1003	%	4.5	5.0
TENSILE STRENGTH AT BREAK	MD*	D-882	Kg/cm ²	2000	2000
	TD*			2200	2200
TENSILE STRENGTH AT BREAK	MD*		(Psi)	28500	28500
	TD*			31250	31250
ELONGATION AT BREAK	MD	D-882	%	120	140
	TD		110	130	
LINEAR SHRINKAGE (Max.)	MD	D-1204	%	2.0	2.0
	TD			1.0	1.0
W.V.T.R.(38 ⁰ C & 90%RH)		F-1249	gm/m ² /day	30	20
			(gm/100in ² /day)	2.0	1.3
O.T.R. (23 ⁰ C & 0%RH)		D-3985	cc/m ² /day	80	70
			(cc/100in ² /day)	5.2	4.5

Ref no. QAD UFLI S/16 - F59/1

*MD = MACHINE DIRECTION *TD = TRANSVERSE DIRECTION

The inherent surface tension of the untreated side of any Pet film is minimum 42 dy/cm

STORAGE & HANDLING

FLEXPET™ need to be stored in a closed warehouse and should not be exposed to direct sunlight or light sources and from humidity. It is recommended to store below 35°C in dry place. FLEXPET™ is suitable for use within 9 month from date of manufacturing, only if material is stored in recommended condition.

FOOD CONTACT

FLEXPET™ complies with EC and FDA regulations. Specific document and MSDS are available on request.

DISCLAIMER

It is the responsibility of our customer to determine that their use of our product(s) is safe, lawful, and technically suitable in their intended applications. The Values given in the technical data sheet represent typical values based on the best of our knowledge as on date when the data was compiled. It 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. Flex Gives no warranty or accept liability for any loss and fitness of the product for any specific purpose. Flex reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information.

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 Website: www.flexfilm.com