

TECHNICAL DATA SHEET

Product Description:

F-CHE is a transparent polyester film

It is one side chemically primed other side untreated

Application:

Conversion, Metallization

Printing & lamination

FFS machine

Key Features:

Very good transparency & clarity

One side chemical coating provide excellent adhesion with various inks & adhesives

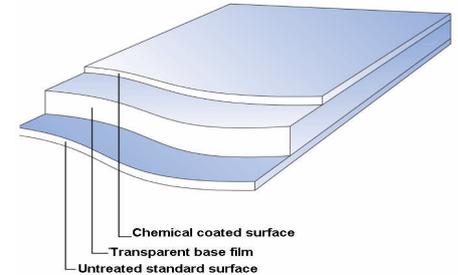
Excellent mach inability & handling properties

Excellent metal adhesion

Not suitable for hot filling , sterilization

and pasteurization

Film Structure



PROPERTIES	TEST METHOD (ASTM)	UNIT	TYPICAL VALUE				
			10	12	23	36	50
THICKNESS	Internal	Micron	10	12	23	36	50
		(Gauge)	40	48	92	144	200
FILM DENSITY	D-1505	gm/cc	1.4	1.4	1.4	1.4	1.4
GRAMMAGE	Internal	gm/m ²	14.0	16.8	32.2	50.4	70
YIELD	Internal	m ² /kg	71.42	59.52	31.05	19.84	14.29
TREATMENT LEVEL # (Chemical coated Side) (Min)	D-2578	dyne/cm	60	60	60	60	60
COEFF OF KINETIC FRICTION (One side to other side) (Max)	D-1894	-	0.50	0.50	0.50	0.45	0.45
HAZE (Max)	D-1003	%	4.0	4.0	5.0	5.5	6
TENSILE STRENGTH AT BREAK	MD*	Kg/cm ²	1900	1900	1900	1750	1750
	TD*		2000	2000	2000	2000	2000
TENSILE STRENGTH AT BREAK	MD*	(Psi)	27000	27000	27000	24850	24850
	TD*		28400	28400	28400	28400	28400
ELONGATION AT BREAK	MD	%	100	105	115	120	125
	TD		80	85	90	90	90
LINEAR SHRINKAGE (Max.) (30 Minute at 150°C)	MD	%	< 3.0				
	TD		< 1.0				
W.V.T.R.(38°C & 90%RH) (Max.)	F-1249	gm/m ² /day	40	40	22	15	10
		(gm/100in ² /day)	2.6	2.6	1.4	0.97	0.6
O.T.R. (23°C & 0%RH) (Max.)	D-3985	cc/m ² /day	125	100	70	50	40
		(cc/100in ² /day)	8.0	6.5	4.5	3.2	2.6

Ref no. QAD UFLI S/10 - F8/1

*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:

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

FOOD CONTACT:

PET complies with EC and FDA regulations on packaging for direct contact with foodstuffs.. Specific document and MSDS are available on request.

DISCLAIMER:

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. Maker Givesno warranty or accept liability for any loss and fitness of the product for any specific purpose. Maker reserves the right to change the technical data sheet at any time for enhancing the quality of the products without prior information