

# F-XLR-C1-C2

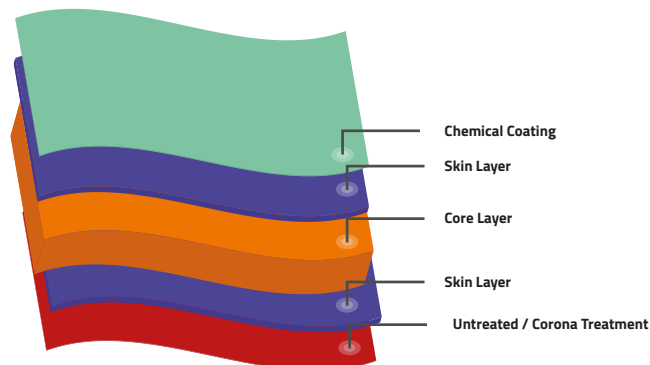
## OPTICALLY EXTRA CLEAR CHEMICAL COATED BOPET FILM

F-XLR-C1-C2 is a Ultra clear BOPET film. The film is one side Chemically Coated and other side Corona Treated or Untreated.

### KEY FEATURES:

- Very High transparency & clarity
- One side chemical coating provide excellent adhesion with various inks & adhesives
- Out side corona treated for improved bond with outer substrate
- Excellent machinability & handling properties
- Excellent metal adhesion
- Not suitable for hot filling, sterilization and pasteurization

## FILM STRUCTURE



### APPLICATION:

- Conversion
- Metallization, Solvent & water base coating
- Embossing & Holograms
- Printing & lamination

PROPERTIES		TEST METHOD	UNIT	TYPICAL VALUES		
THICKNESS		Internal	Micron	12	23	36
			(Gauge)	48	92	144
YIELD		Internal	m <sup>2</sup> / kg	59.52	31.05	19.84
			in <sup>2</sup> / lb	41934	21876	13978
SURFACE TENSION # (Chemical Coated Side) (Corona Treated Side)		ASTM D-2578	-	60		
				52		
COF (max) (Coated to Untreated) (Coated to Corona Treated Side)		ASTM D-1894	-	0.50	0.45	0.45
				0.55	0.50	0.50
HAZE (max)		ASTM D-1003	%	1.0	1.2	1.3
TENSILE STRENGTH AT BREAK (min)	MD	ASTM D-882	kg/cm <sup>2</sup>	1900	1900	1750
	TD			2000	2000	2000
	MD		(Psi)	27000	27000	25000
	TD			28500	28500	28500
ELONGATION AT BREAK (min)	MD	ASTM D-882	%	105	115	120
	TD			85	90	90
LINEAR SHRINKAGE (max) (30 Minute at 150°C)	MD	ASTM D-1204	%	3.0		
	TD			1.0		
W.V.T.R. (38°C & 90% RH) (typical)		ASTM F-1249	gm/m <sup>2</sup> /day	45	30	20
			(gm/100 in <sup>2</sup> /day)	2.9	2.0	1.3
OTR (23°C & 0% RH) (typical)		ASTM D-3985	cc/m <sup>2</sup> /day	130	80	70
			(cc/100 in <sup>2</sup> /day)	8.5	5.2	4.5

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

### STORAGE & HANDLING

SELEXIBLE need 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, SELEXIBLE is suitable for use within 270 days from date of shipment.

### FOOD CONTACT

SELEXIBLE complies with EU and FDA regulations on plastic materials used for food grade application. Specific document and SDS are available on request.

### DISCLAIMER

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# Selexible

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