

CF Film (PP-Based)

Easy-peel film for packaging

TECHNICAL DATA

(The below are representative/measured values and not guaranteed values.)

Features

This non-oriented co-extruded multi-layer film has the "easy peelability" required for lid seals, etc.

- A non-oriented co-extruded multi-layer film made by combining polypropylene polymers and special polymers. Can be used for boiling and semi-retort sterilization (120°C).
- With the excellent peelability and stable opening strength of cohesive-peel-type film; You can select the opening strength required for your application.
- 9501F, G, H and CX8 are FDA compliant.
- 9501K2 also has anti-fogging capability.

General Properties				CF Film (PP-Based)							
Item	Reference Standards	Unit	9501A	9501C	9501E	9501F	9501G	9501H	CX8	9501K2	
Peel Type			Cohesive								
Peel Strength N/15 mm (PP Sheet)			Weak 11	Medium to strong 18	Medium 14	Weak 11	Medium 16	Strong 22	Strong 21	Medium 20	
Adherend			PP, PE								
Heat Resistance			Up to 120° C								
Suitable for Retort			Yes (9501F, G and H have excellent oil resistance when retorted)								
Suitable for DL			Yes								
Suitable for EL			No								
FDA 21CFR 177.1520			—		Yes						
EU directive 10/2011/EC			—		Yes						
Thickness Range		Micron	30, 50								
Corona-Treated Surface			Inside								
Relative Density			0.904								
Thickness		Micron	30				50	30			
Young's Modulus	MD	JIS K7127	MPa	650	720	700	590	560	540	690	500
	TD			620	700	690	570	550	530	650	900
Haze		JIS K7361	%	35	12	5	30	59	59	3	6
Friction Coefficient (EC/n-EC)	Static Kinetic	JIS K7125		0.4	0.3	0.3	0.6	0.4	0.3	0.2	0.4
				0.4	0.3	0.3	0.6	0.4	0.4	0.2	0.3
Wetting Tension		JIS K6768	mN/m	40	40	40	40	40	40	40	40

CF Film (PE-Based)

Easy-peel film for packaging

TECHNICAL DATA

(The below are representative/measured values and not guaranteed values.)

Features

This non-oriented co-extruded multi-layer film has the "easy peelability" required for lid seals, etc.

- A non-oriented co-extruded multi-layer film made by combining special polymers on a polyethylene-polymer base. Suitable for dry lamination and polyethylene extrusion lamination.
- The 7601A and 7601C have the excellent peelability and stable opening strength of cohesive-peel type film.
- The 7601E series can be used for PE processed paper (paper/PE containers) and PE molded containers.
- The interlayer-peel type GR series offers superior drop impact resistance and easy peeling.
- The 7603B and 7603MS can be applied to various types of adherend including A-PET and PS.

General Properties				CF Film (PE-Based)									
Item	Reference Standards	Unit		7601A	7601C	7601 EA	7601 EB	7601 ED	GR01	GR02	7603B	7603 MS	
Peel Type				Cohesive		Cohesive			Interlayer		Interface		
Peel Strength N/15 mm (PP Sheet or Paper PE)				Weak 11	Medium 15	Weak to medium 13	Medium 15	Weak 11	Medium 15	Weak to medium 13	Medium 16	Medium 17	
Adherend				PP, PE		PE, paper PE			PP, PE		Various		
Heat Resistance				Up to 100° C		Up to 100° C			Up to 100° C		Up to 85° C		
Suitable for Retort				No		No			No		No		
Suitable for DL				Yes		Yes			Yes		Yes		
Suitable for EL				Yes		Yes			Yes		Yes		
FDA 21CFR 177.1520				—		Yes			Yes		—		
EU directive 10/2011/EC				—		Yes			Yes		—		
Thickness Range			Micron	30, 50									
Corona-Treated Surface				Inside									
Relative Density				0.94									
Thickness			Micron	30					50	30			
Young's Modulus	MD TD	JIS K7127	MPa	400	330	350	360	340	270	230	260	300	
				510	410	440	450	410	280	230	340	380	
Haze		JIS K7361	%	57	26	21	17	31	11	15	10	19	
Friction Coefficient (EC/n-EC)	Static Kinetic	JIS K7125		0.8	0.9	0.6	0.6	0.5	0.5	0.5	0.1	0.1	
				0.8	0.8	0.6	0.6	0.5	0.4	0.5	0.1	0.1	
Wetting Tension		JIS K6768	mN/m	40	40	40	40	40	40	40	40	40	