

PLATSEAL

Vertical Rollstock Overwrap & Lidding Films

PLATLID™ GP-E FILMS

FILM DATASHEET

Composition	PLATLID™ is a coated polyester film and is 99.9% pure polyester in its composition. Exceptionally strong.
Purpose	PLATLID™ GP-E film is a general purpose film engineered to achieve strong peelable seals to APET, CPET, PVC, PP, PE, HDP E, OPS, HIPS, PS, ABS, Aluminum, Coated and uncoated paper, unglazed pottery and CPET trays without an APET seal layer. PLATLID GP-E is microwaveable and ovenable. It can also be frozen or chilled.
Sealing	PLATLID GP-E film seals at much lower temperatures than comparable films on the market. PLATLID GP-E film will also seal through a certain degree of contamination of sealing flanges but flanges should be kept clean.
Conversion	PLATLID GP-E film can be supplied printed and can be laminated to other films.
Liability	PLATLID film complies with all European and FDA regulations, including cooking. Whilst Platinum takes all precautions to ensure that their lidding films are suitable for the application intended, the ultimate responsibility lies with the food packer to ensure that the film is suitable for their purpose.

PROPERTY	UNIT	METHOD	VALUE & REFERENCE THICKNESS MICRONS			
			PLATLID GP-E 12PET (50ga) 5gsm	PLATLID GP-E 18PET (75ga) 5gsm	PLATLID GP-E 23PET (100ga) 5gsm	PLATLID GP-E 36PET (150ga) 5gsm
Film thickness	Gauge	DIN 53370	56	80	100	152
Weight per unit area	Lbs/ream		13.39	18.54	22.84	34.02
Yield	Sq"/lb		32250	23280	18899	12690
Water vapour transmission rate	gms/100Sq"/24 hours 38°C, 90% RH	DIN 53380	1.68	1.55	1.10	0.77
Oxygen trans. rate @ 23°C	cm ³ /100Sq"/day/1 bar	DIN 53380	6.5	5.5	4.5	3.2
Tensile strength at break, MD	daN/mm ²	ASTM D 882	18	20	20	28
Tensile strength at break, TD	daN/mm ²	ASTM D 882	21	22	22	30
Elongation at break, MD	%	DIN 53455	135	130	130	115
Elongation at break, TD	%	DIN 53455	105	100	100	95
Shrinkage, MD	%	150°C/30mn	1.8	1.7	1.5	1.1
Shrinkage, TD	%	150°C/30mn	0.5	0.5	0.5	0.5
Heat sealing range	°F		230-356°F	230-356°F	230-356°F	230-356°F
Max temp at sealing tools	°F		356°F	356°F	356°F	356°F
Seal strength	N/15mm		8 to 9	8 to 9	8 to 9	8 to 9
Low temp resistance	°F		Up to -58°F	Up to -58°F	Up to -58°F	Up to -58°F
Peelability	Peelable throughout it's life. GP-E films are smooth cold peel films.					
Sealing	Peel seal To PET, CPET, PVC, PP, PE, OPS, HIPS, PS, ABS, Aluminium, Paper, Unglazed pottery etc. It will also seal to CPET trays without APET seal layer.					
Ovenability	All PLATLID GP-E PET films are microwaveable and ovenable.					
Availability of thickness	Any Thickness can be produced to specification, including laminates.					
Disclaimer	All data stated are approximate and to the best of our knowledge. We assume no liability.					

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