

PLATSEAL

GP G8

PLATINUM GP G8 FILMS		FILM DATASHEET
Composition	Platinum GP G8 film is a coated polyester film and is 99.9% pure polyester in its composition. Exceptionally strong.	
Purpose	Platinum GP G8 film is a general purpose film engineered to achieve strong peelable seals to APET, CPET, PVC, PP, PE, HDPE, OPS, HIPS, PS, ABS, Aluminium, Coated and uncoated paper, unglazed pottery and CPET trays without an APET seal layer. Platinum GP G8 is microwaveable and ovenable. It can also be frozen or chilled.	
Sealing	Platinum GP G8 film seals at much lower temperatures than comparable films on the market. Platinum GP G8 film will also seal through a certain degree of contamination of sealing flanges but flanges should be kept clean.	
Conversion	Platinum GP G8 film can be supplied printed and can be laminated to other films.	
Liability	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			
			PLATINUM GP G 8gsm 50 ga (12PET)	PLATINUM GP G 8gsm 75 ga (18PET)	PLATINUM GP G 8gsm 100 ga (23PET)	PLATINUM GP G 8gsm 150 ga (36PET)
Film thickness expected tolerance	Gauge	DIN 53370	76-104	100-128	120-148	176-204
Weight per unit area	Lbs/ream		16.46	20.38	24.66	35.86
Yield	Sq ² /lb		26233	21176	17489	12038
Weight per unit area expected tolerance	G/m ²		14.31 to 16.15	19.46 to 21.31	23.67 to 25.60	34.94 to 59.9
Water vapour transmission rate	gms/100Sq ² /24 hours 38°C, 90% RH	DIN 53380	1.68	1.55	1.10	0.77
Oxygen trans. rate @ 23°C	cm ³ /100Sq ² /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
Peelability	Peelable throughout it's life. Rocklid GP-G8 films are smooth cold peel films.					
Sealing	Peel seal To PET, CPET, PVC, PP, PE, OPS, HIPS, PS, ABS, Aluminium, Paper, Unglazed pottery ect. It will also seal to CPET trays without APET seal layer.					
Ovenability	All Platinum GP-G8 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.					

PLAT PEELABLE LIDDING
For All Tray Types
LAMINATED & COATED

PLATSEAL
Vertical Rollstock,
Overwrap & Lidding Films