

# OPPalyte™ white opaque uncoated films at a glance

## Flexible packaging range

OPPalyte™  
films

OPP film type	STRUCTURE					KEY PROPERTIES						MAIN PACKAGING FORMATS			MAIN USE		KEY MARKETS					
	Thickness <sup>x</sup> (µm)	Yield (m <sup>2</sup> /kg)	Unit Weight (g/m <sup>2</sup> )	Density (g/cm <sup>3</sup> )	Side 1	Side 2	Gloss 20°	Gloss 45°	Light Transmission %	H <sub>2</sub> O Permeability WVTR at 38 °C/90% RH (g/m <sup>2</sup> /day)	Heat Seal Range (°C)	COF (in)	COF (out)	HFFS	VFFS	Overwrapping	Single Web or Laminate	Heat Seal or Cold Seal	Biscuit & Bakery	Confectionary Chocolate	Ice cream	Snacks, Nuts, Cereals
<b>Heat Seal and Cold Seal</b>																						
<b>D0447</b>	38	48,8	20,5	0,54	Treated	Heat Sealable layer	-	70	21,0	-	45*	0,35	-	v	-	v	Single web	Heat Seal	v	v	v	v
<b>ICE</b>	33	48,8	20,5	0,62	Treated	Heat Sealable layer	-	75	24,0	-	45*	-	-	v	-	-	Single web	Cold Seal	-	-	v	-
	38	42,4	23,6	0,62	Treated	Heat Sealable layer	-	90	21,0	-	45*	-	-	v	-	-	Single web	Cold Seal	-	-	v	-
<b>HGP</b>	40	34,7	28,8	0,72	Treated	Heat Sealable layer	9	-	-	6,5	30**	0,25	-	v	v	-	Single web	Heat Seal	v	v	-	-
<b>MD447</b>	30	41,6	24,0	0,80	Treated	Heat Sealable layer	-	55	35,0	5,0	45 (Seal) / 35 (Treated)*	0,25	0,30	v	v	v	Both	Heat Seal	v	v	v	v
	35	35,8	27,9	0,80	Treated	Heat Sealable layer	-	55	33,0	4,5	45 (Seal) / 35 (Treated)*	0,25	0,30	v	v	v	Both	Heat Seal	v	v	v	v
<b>WTD</b>	20	52,1	19,2	0,96	Treated	Heat Sealable layer	52	-	-	8,3	65*	0,35	0,47	v	v	v	Both	Heat Seal	v	v	v	v
	25	41,7	24,0	0,96	Treated	Heat Sealable layer	52	-	-	6,6	65*	0,35	0,47	v	v	v	Both	Heat Seal	v	v	v	v
	30	34,7	28,8	0,96	Treated	Heat Sealable layer	52	-	-	5,5	65*	0,35	0,47	v	v	v	Both	Heat Seal	v	v	v	v
	35	29,8	33,6	0,96	Treated	Heat Sealable layer	52	-	-	4,7	65*	0,35	0,47	v	v	v	Both	Heat Seal	v	v	v	v
	40	26,0	38,4	0,96	Treated	Heat Sealable layer	52	-	-	4,1	65*	0,35	0,47	v	v	v	Single web	Heat Seal	v	v	v	v
<b>Heat Seal</b>																						
<b>VLD</b>	40	42,6	23,5	0,62	Treated	Peelable Layer	60	-	-	5,5	60**	0,25	-	v	-	-	Both	Heat Seal	v	v	v	-
<b>STD</b>	28	46,5	21,5	0,75	Treated	VBSR	65	-	-	5,5	60**	0,30	-	v	-	-	Both	Heat Seal	v	v	v	-
	35	38,5	26,0	0,75	Treated	VBSR	65	-	-	4,5	60**	0,30	-	v	-	-	Both	Heat Seal	v	v	v	-
	40	33,3	30,0	0,75	Treated	VBSR	65	-	-	4,0	60**	0,30	-	v	-	-	Both	Heat Seal	v	v	v	-
	50	27,0	37,0	0,75	Treated	VBSR	65	-	-	3,0	60**	0,30	-	v	-	-	Both	Heat Seal	v	v	v	-
<b>SVD</b>	28	47,6	21,0	0,75	Treated	Heat Sealable layer	50	-	-	4,8	40**	0,30	-	v	v	-	Laminate	Heat Seal	v	v	-	v

<sup>x</sup> Thickness is a general product reference and may or may not be the actual finished thickness of the product (see product data sheet)

√ = Typical recommended use - = Not applicable or not specified

VBSR = Very Broad Sealing Range

\* Temperature range to achieve 300 N/25mm seal force when sealed with flat jaws at 25 N/cm<sup>2</sup> pressure and 0,5 s dwell time

\*\* Temperature range to achieve 1,0 N/15mm seal force when sealed with flat jaws at 10 N/cm<sup>2</sup> pressure and 0,5 s dwell time

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<b>Cold Seal</b>																						
MW247	33	48,8	20,5	0,62	Treated	Cold Seal Receptive layer	-	75	22,0	6,1	-	-	v	-	-	-	Both	Cold Seal	v	v	v	-
	38	42,4	23,6	0,62	Treated	Cold Seal Receptive layer	-	75	21,0	5,2	-	-	v	-	-	-	Both	Cold Seal	v	v	v	-
	47	34,4	29,0	0,62	Treated	Cold Seal Receptive layer	-	75	16,0	4,1	-	-	v	-	-	-	Single web	Cold Seal	v	v	v	-
MH247	35	39,4	25,4	0,73	Treated	Cold Seal Receptive layer	-	70	32,0	4,9	-	-	v	-	-	-	Both	Cold Seal	v	v	v	-
	40	34,4	29,0	0,73	Treated	Cold Seal Receptive layer	-	70	25,0	4,2	-	-	v	-	-	-	Single web	Cold Seal	v	v	v	-
	50	27,5	36,3	0,73	Treated	Cold Seal Receptive layer	-	70	22,0	3,0	-	-	v	-	-	-	Single web	Cold Seal	v	v	v	-
SHD	28	46,5	21,5	0,75	Treated	Cold Seal Receptive layer	70	-	-	5,5	-	-	v	-	-	-	Both	Cold Seal	v	v	v	-
	35	38,5	26,0	0,75	Treated	Cold Seal Receptive layer	70	-	-	4,5	-	-	v	-	-	-	Both	Cold Seal	v	v	v	-
	40	33,3	30,0	0,75	Treated	Cold Seal Receptive layer	70	-	-	4,0	-	-	v	-	-	-	Single web	Cold Seal	v	v	v	-
	50	27,0	37,0	0,75	Treated	Cold Seal Receptive layer	70	-	-	3,0	-	-	v	-	-	-	Single web	Cold Seal	v	v	v	-
	60	22,2	45,0	0,75	Treated	Cold Seal Receptive layer	70	-	-	2,5	-	-	v	-	-	-	Single web	Cold Seal	v	v	v	-
SHH	28	46,5	21,5	0,75	Treated	Treated	70	-	-	5,5	-	-	v	-	-	-	Both	Cold Seal	v	v	v	-
	40	33,3	30,0	0,75	Treated	Treated	70	-	-	4,0	-	-	v	-	-	-	Single web	Cold Seal	v	v	v	-

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Contact your Jindal Films representative for more information

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