

# 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* (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 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>																					
ORH	60	30,3	33,0	0,55	Heat Sealable layer	Heat Sealable layer	33 (20°)	-	-	-	-	-	v	v	-	Both	Heat Seal	v	v	-	-
	70	26,0	38,5	0,55	Heat Sealable layer	Heat Sealable layer	33 (20°)	-	-	-	-	-	v	v	-	Both	Heat Seal	v	v	-	-
	75	24,2	41,3	0,55	Heat Sealable layer	Heat Sealable layer	33 (20°)	-	-	-	-	-	v	v	-	Both	Heat Seal	v	v	-	-
QCD/QCH	35	42,6	23,5	0,70	Heat Sealable layer/Treated	Treated	70 (20°)	-	-	-	-	v	-	-	Both	Cold Seal	v	v	v	v	
MD447	30	41,6	24,0	0,80	BSR	Treated	55	33,0	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	BSR	Treated	55	29,0	4,5	45 (Seal) / 35 (Treated)	0,25	0,30	v	v	v	Both	Heat Seal	v	v	v	v
	40	31,3	31,9	0,80	BSR	Treated	55	27,0	4,0	45 (Seal) / 35 (Treated)	0,25	0,30	v	v	v	Single web	Heat Seal	v	v	v	v
ICE	33	48,8	20,5	0,62	Heat Sealable layer	Treated	75	24,0	-	45	-	-	v	-	-	Single web	Cold Seal	-	-	v	-
	38	42,4	23,6	0,62	Heat Sealable layer	Treated	90	21,0	-	45	-	-	v	-	-	Single web	Cold Seal	-	-	v	-
MO447	38	42,4	23,6	0,62	BSR	Treated	90	21,0	5,2	45	-	-	v	v	v	Single web	Heat Seal	v	v	v	v
DO447	38	48,8	20,5	0,54	BSR	Treated	70	21,0	-	45	0,70	-	v	v	-	Single web	Heat Seal	v	v	v	v
HGP	34	40,8	24,5	0,72	BSR	Treated	9 (20°)	-	7,6	30	0,25	-	v	v	-	Single web	Heat Seal	v	v	-	-
	40	34,7	28,8	0,72	BSR	Treated	9 (20°)	-	6,5	30	0,25	-	v	v	-	Single web	Heat Seal	v	v	-	-
	50	27,8	36,0	0,72	BSR	Treated	9 (20°)	-	5,2	30	0,25	-	v	v	-	Single web	Heat Seal	v	v	-	-
WTD	20	52,1	19,2	0,96	BSR	Treated	55	-	8,3	40	0,30	-	v	v	v	Both	Heat Seal	v	v	v	v
	25	41,7	24,0	0,96	BSR	Treated	55	-	6,6	40	0,30	-	v	v	v	Both	Heat Seal	v	v	v	v
	30	34,7	28,8	0,96	BSR	Treated	55	-	5,5	40	0,30	-	v	v	v	Both	Heat Seal	v	v	v	v
	35	29,8	33,6	0,96	BSR	Treated	55	-	4,7	40	0,30	-	v	v	v	Both	Heat Seal	v	v	v	v
	40	26,0	38,4	0,96	BSR	Treated	55	-	4,1	40	0,30	-	v	v	v	Both	Heat Seal	v	v	v	v
<b>Heat Seal</b>																					
STD	28	46,5	21,5	0,75	VBSR	Treated	65 (20°)	-	5,5	60	0,30	-	v	-	-	Both	Heat Seal	v	v	v	-
	35	38,5	26,0	0,75	VBSR	Treated	65 (20°)	-	4,5	60	0,30	-	v	-	-	Both	Heat Seal	v	v	v	-
	40	33,3	30,0	0,75	VBSR	Treated	65 (20°)	-	4,0	60	0,30	-	v	-	-	Both	Heat Seal	v	v	v	-
	45	29,9	33,5	0,75	VBSR	Treated	65 (20°)	-	3,5	60	0,30	-	v	-	-	Both	Heat Seal	v	v	v	-
	50	27,0	37,0	0,75	VBSR	Treated	65 (20°)	-	3,0	60	0,30	-	v	-	-	Both	Heat Seal	v	v	v	-
VLD	40	42,6	23,5	0,62	VBSR	Treated	55 (20°)	-	5,5	60	0,30	-	v	-	-	Single web	Heat Seal	v	v	v	-
SVD	28	47,6	21,0	0,75	BSR	Treated	50 (20°)	-	4,8	40	0,30	-	v	v	-	Laminate	Heat Seal	v	v	-	v

\* 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

BSR = Broad Sealing Range VBSR = Very Broad Sealing Range

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<b>Cold Seal</b>																					
MW247	33	48,8	20,5	0,62	White layer	Treated	75	22,0	6,1	-	0,60	0,60	v	-	-	Both	Cold Seal	v	v	v	v
	38	42,4	23,6	0,62	White layer	Treated	75	18,0	5,2	-	0,60	0,60	v	-	-	Both	Cold Seal	v	v	v	v
	47	34,4	29,0	0,62	White layer	Treated	75	16,0	4,1	-	0,60	0,60	v	-	-	Single web	Cold Seal	v	v	v	v
MH247	35	39,4	25,4	0,73	White layer	Treated	70	32,0	4,9	-	0,60	-	v	-	-	Both	Cold Seal	v	v	v	v
	40	34,4	29,0	0,73	White layer	Treated	70	25,0	4,2	-	0,60	-	v	-	-	Single web	Cold Seal	v	v	v	v
	50	27,5	36,3	0,73	White layer	Treated	70	22,0	3,0	-	0,60	-	v	-	-	Single web	Cold Seal	v	v	v	v
	60	22,9	43,6	0,73	White layer	Treated	70	20,0	2,5	-	0,60	-	v	-	-	Single web	Cold Seal	v	v	v	v
SHD/SHH	28	46,5	21,5	0,75	White layer/Treated	Treated	70 (20°)	-	5,5	-	-	-	v	-	-	Both	Cold Seal	v	v	v	v
	35	38,5	26,0	0,75	White layer/Treated	Treated	70 (20°)	-	4,5	-	-	-	v	-	-	Both	Cold Seal	v	v	v	v
	40	33,3	30,0	0,75	White layer/Treated	Treated	70 (20°)	-	4,0	-	-	-	v	-	-	Single web	Cold Seal	v	v	v	v
	50	27,0	37,0	0,75	White layer/Treated	Treated	70 (20°)	-	3,0	-	-	-	v	-	-	Single web	Cold Seal	v	v	v	v
	60	22,2	45,0	0,75	White layer/Treated	Treated	70 (20°)	-	2,5	-	-	-	v	-	-	Single web	Cold Seal	v	v	v	v

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Contact your Jindal Films representative for more information

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