

# OPPalyte™ white opaque uncoated films at a glance

## Flexible packaging range



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 (side 1)	COF (side 2)	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	5,4	45*	-	-	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	5,9	45*	-	-	v	-	-	Single web	Cold Seal	-	-	v	-
	38	42,4	23,6	0,62	Treated	Heat Sealable layer	-	90	21,0	5,0	45*	-	-	v	-	-	Single web	Cold Seal	-	-	v	-
<b>Cold Seal</b>																						
<b>MW247</b>	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	29,1	0,62	Treated	Cold Seal Receptive layer	-	75	16,0	4,1	-	-	-	v	-	-	Single web	Cold Seal	v	v	v	-
<b>MH347</b>	28	49,3	20,3	0,73	Treated	VBSR	65	-	35,0	5,9	60*	0,30	0,30	v	-	-	Both	Heat Seal	v	v	v	-
	35	39,4	25,4	0,73	Treated	VBSR	65	-	32,0	4,9	60*	0,30	0,30	v	-	-	Single web	Heat Seal	v	v	v	-
	40	34,5	29,0	0,73	Treated	VBSR	65	-	25,0	4,2	60*	0,30	0,30	v	-	-	Single web	Heat Seal	v	v	v	-
<b>MH247</b>	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	-

<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 g/25mm seal force when sealed with flat jaws at 25 N/cm<sup>2</sup> pressure and 0,5 s dwell time

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Contact your Jindal Films representative for more information

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