

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* (µm)	Yield (m ² /kg)	Unit weight (g/m ²)	Density (g/cm ³)	Side 1	Side 2	Gloss 45°	Light transmission %	H ₂ O Permeability WVTR at 38 °C/90% RH (g/(m ² /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
Heat Seal and Cold Seal																					
MH347	30	46.1	21.7	0.73	VBSR	Treated	60	35.0	5.0	60	0.40	0.30	√	-	-	Both	Heat Seal	√	√	√	√
	35	39.4	25.4	0.73	VBSR	Treated	60	33.0	4.5	60	0.40	0.30	√	-	-	Both	Heat Seal	√	√	√	√
	40	34.5	29.0	0.73	VBSR	Treated	60	29.0	3.8	60	0.40	0.30	√	-	-	Single web	Heat Seal	√	√	√	√
MD347	20	60.2	16.6	0.83	BSR	Treated	65	42.0	7.0	55	0.30	-	√	√	√	For lamination	Heat Seal	√	√	√	√
MD447	30	41.6	24.0	0.80	BSR	Treated	55	33.0	5.0	40 (UT/UT) & 25 (UT/T)	0.25	0.30	√	√	√	Both	Heat Seal	√	√	√	√
	35	35.8	27.9	0.80	BSR	Treated	55	29.0	4.5	30 (UT/UT) & 25 (UT/T)	0.25	0.30	√	√	√	Both	Heat Seal	√	√	√	√
	45	31.3	31.9	0.80	BSR	Treated	55	27.0	4.0	30 (UT/UT) & 25 (UT/T)	0.25	0.30	√	√	√	Single web	Heat Seal	√	√	√	√
ICE	33	48.8	20.5	0.62	Heat sealable layer	Treated	75	24.0	-	30	-	-	√	-	-	Single web	Heat Seal	-	-	√	-
	38	42.4	23.6	0.62	Heat sealable layer	Treated	90	21.0	-	30	-	-	√	-	-	Single web	Heat Seal	-	-	√	-
M0447	38	42.4	23.6	0.62	BSR	Treated	90	21.0	5.2	30	-	-	√	√	√	Single web	Heat Seal	√	√	√	√
D0447	38	48.8	20.5	0.54	Heat sealable layer	Treated	70	21.0	-	30	0.70	-	√	√	-	Single web	Heat Seal	√	√	√	√
	20	52.6	19.0	0.95	Heat sealable layer	Treated	50	40	7	40 (UT/UT) & 25 (UT/T)	0.25	0.3	√	√	√	For lamination	Heat Seal	√	√	√	√
SW447	30	35.1	28.5	0.95	Heat sealable layer	Treated	50	35	5	40 (UT/UT) & 25 (UT/T)	0.25	0.3	√	√	√	Both	Heat Seal	√	√	√	√
	Cold Seal																				
MW247	33	48.8	20.5	0.62	White layer	Treated	75	22.0	6.1	-	-	0.60	√	-	-	Both	Cold seal	√	√	√	√
	38	42.4	23.6	0.62	White layer	Treated	75	18.0	5.2	-	-	0.60	√	-	-	Both	Cold seal	√	√	√	√
	47	34.4	29.0	0.62	White layer	Treated	75	16.0	4.1	-	-	0.60	√	-	-	Single web	Cold seal	√	√	√	√
MH247	35	39.4	25.4	0.73	White layer	Treated	70	32.0	4.9	-	0.60	-	√	-	-	Both	Cold seal	√	√	√	√
	40	34.4	29.0	0.73	White layer	Treated	70	25.0	4.2	-	0.60	-	√	-	-	Single web	Cold seal	√	√	√	√
	50	27.5	36.3	0.73	White layer	Treated	70	22.0	3.0	-	0.60	-	√	-	-	Single web	Cold seal	√	√	√	√
	60	22.9	43.6	0.73	White layer	Treated	70	20.0	2.5	-	0.60	-	√	-	-	Single web	Cold seal	√	√	√	√

* 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

November 2017

Contact your Jindal Films representative for more information

www.jindalfilms.com

info@jindalfilms.com

Jindal
Films

© 2017 Jindal Films. Jindal Films, the Jindal Films logo, and other product or service names used herein are trademarks of Jindal Films, unless indicated otherwise. This document may not be distributed, displayed, copied or altered without Jindal Films' prior written authorization. To the extent Jindal Films authorizes distributing, displaying and/or copying of this document, the user may do so only if the document is unaltered and complete, including all of its headers, footers, disclaimers and other information. You may not copy this document to, or reproduce it in whole or in part on, a website. Jindal Films does not guarantee the typical (or other) values. Any data included herein is based upon analysis of representative samples and not the actual product shipped. The information in this document relates only to the named product or materials when not in combination with any other product or materials. We based the information on data believed to be reliable on the date compiled, but we do not represent, warrant, or otherwise guarantee the accuracy, reliability, or completeness of this information; nor do we warrant, expressly or impliedly, the merchantability, fitness for a particular purpose, freedom from patent infringement, or suitability of the products, materials or processes described. The user is solely responsible for all determinations regarding any use of material or product and any process of interest. We expressly disclaim liability for any loss, damage or injury directly or indirectly suffered or incurred as a result of, or related to, anyone using or relying on any of the information in this document. This document is not an endorsement of any non-Jindal Films' product or process, and we expressly disclaim any contrary implication. The terms "we," "our," "Jindal Films" and "Jindal" are each used for convenience, and may include Jindal Films Americas LLC, Jindal Films Europe S.a.r.l. or any companies affiliated with them in the production and sale of film products. There are a number of such affiliated companies, many with names including "Jindal" or "Films". Neither the use of these terms of convenience, nor anything else in this document, is intended to override or supersede the legal separateness of those affiliated companies and responsibility for local action and accountability remains with them.