

# Metallized films at a glance

## Flexible packaging range

Metallyte™  
films

OPP FILM TYPE	STRUCTURE				KEY PROPERTIES								MAIN PACKAGING FORMATS			KEY MARKETS				
	Thickness* (µm)	Clear / White	Metal side	Non Metal side	Unit Weight (g / m <sup>2</sup> )	Yield (m <sup>2</sup> / kg)	Aroma Barrier	WVTr (g / m <sup>2</sup> / day)	OTR (cc/m <sup>2</sup> /day)	Optical Density	Heat Seal Range (°C)	COF	HFFS	VFFS	Single Web	Biscuit & Bakery	Confectionery	Snacks, Nuts, Cereals	HBA, HPC, Pet food	Dry food and Beverage powders
<b>Ultra high barrier</b>																				
MM883	16	Clear	Metal	Treated	14,1	70,9	v	0,1	0,1	2,8	-	-	v	v	-	v	v	v	v	v
MU842	28	White	Metal	Treated	20,7	48,4	v	0,1	0,1	2,5	-	-	v	v	v	v	v	v	v	v
	35	White	Metal	Treated	25,2	39,7	v	0,1	0,1	2,5	-	-	v	v	v	v	v	v	v	v
UBWES	28	White	Metal	Treated	20,7	48,4	v	0,1	0,1	3	60	-	v	v	-	v	v	v	v	v
<b>High Barrier</b>																				
MM388	15	Clear	Metal	VSB	13,7	73,3	-	0,3	50	2,3	60	0,60	v	-	-	v	v	v	v	-
	20	Clear	Metal	VSB	18,2	54,9	-	0,3	50	2,3	60	0,60	v	-	-	v	v	v	v	-
	30	Clear	Metal	VSB	26,4	37,9	-	0,3	50	2,3	60	0,50	v	-	v	v	v	-	v	-
MM388	18	Clear	Metal	BSR	16,2	61,1	-	0,2	26	2,5	40	-	v	v	-	-	-	-	v	v
MM288	13	Clear	Metal	Treated	11,3	88,8	-	0,1	15	2,9	-	-	v	v	-	v	v	v	v	v
MH388ES	28	White	Metal	Enhanced seal	20,7	48,4	v	0,1	10	3	60	0,60	v	v	-	v	v	v	v	v
MM658	40	White	VLTS over metal	Acrylic	25,4	39,4	v	0,2	30	2,5	50	0,55	v	-	v	v	v	-	v	-
<b>Barrier</b>																				
MM488	15	Clear	Metal	BSR	13,7	73,3	-	0,3	50	2,3	40	0,32	v	v	-	v	v	v	v	-
	18	Clear	Metal	BSR	16,4	61,1	-	0,3	50	2,3	40	0,40	v	v	v	v	v	v	v	-
MW480	38	White	Metal	Standard Sealing Range	23,6	42,4	-	0,5	80	2,3	30	0,40	v	v	-	v	v	v	v	-
<b>Decorative</b>																				
MM680	30	Clear	Metal	Acrylic	27,3	36,6	v	1,2	200	2,3	50	0,25	v	v	-	v	v	-	v	-
MM480	15	Clear	Metal	Standard Sealing Range	13,7	73,3	-	0,8	100	2,1	30	-	v	v	-	v	v	v	v	-
	18	Clear	Metal	Standard Sealing Range	16,4	61,1	-	0,8	100	2,1	30	-	v	v	-	v	v	v	v	-
	20	Clear	Metal	Standard Sealing Range	18,2	54,9	-	0,8	100	2,1	30	-	v	v	-	v	v	v	v	-
	30	Clear	Metal	Standard Sealing Range	26,4	37,9	-	0,8	100	2,1	30	-	v	v	-	v	v	v	v	-
MM280	15	Clear	Metal	Treated	13,7	73,3	-	0,8	100	2,1	-	-	v	v	-	v	v	v	v	-
	20	Clear	Metal	Treated	18,2	54,9	-	0,8	100	2,1	-	-	v	v	-	v	v	v	v	-
	30	Clear	Metal	Treated	26,4	37,9	-	0,8	100	2,1	-	-	v	v	-	v	v	v	v	-
MW280	38	White	Metal	-	23,6	42,4	-	3,0	-	2,3	-	-	v	-	v	v	v	-	v	-
ICE M	38	White	Metal	Standard Sealing Range	23,6	42,4	-	-	-	2,1	30	-	v	-	-	-	-	-	-	-

v = typical or recommended use - = not applicable or not specified

\* Thickness is a general product reference and may or may not be the actual finished thickness of the product; see product data sheet.

BSR = Broad Sealing Range VBSR = Very Broad Sealing Range

November 2017

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	Thickness* (µm)	Metal side	Non Metal side	Unit weight (g/m²)	Yield (m²/kg)	Aroma Barrier	WVTr (g/m²/day)	OTR (cc/m²/day)	Optical Density	Heat Seal Range (°C)	COF	HFFS	VFFS	Single Web	Biscuit & Bakery	Confectionery	Snacks, Nuts, Cereals	HBA, HPC, Pet food	Dry food and Beverage powders
<b>CLEAR films</b>																			
MM480	15	Metal	Standard Sealing Range	13,7	73,3	-	0,8	100	2,1	30	-	v	v	-	v	v	v	v	-
	18	Metal	Standard Sealing Range	16,4	61,1	-	0,8	100	2,1	30	-	v	v	-	v	v	v	v	-
	20	Metal	Standard Sealing Range	18,2	54,9	-	0,8	100	2,1	30	-	v	v	-	v	v	v	v	-
	30	Metal	Standard Sealing Range	26,4	37,9	-	0,8	100	2,1	30	-	v	v	-	v	v	v	v	-
MM388	18	Metal	BSR	16,2	61,1	-	0,2	26	2,5	40	-	v	v	-	-	-	-	v	v
MM488	15	Metal	BSR	13,7	73,3	-	0,3	50	2,3	40	0,32	v	v	-	v	v	v	v	-
	18	Metal	BSR	16,4	61,1	-	0,3	50	2,3	40	0,40	v	v	v	v	v	v	v	-
MM398	15	Metal	VSB	13,7	73,3	-	0,3	50	2,3	60	0,60	v	-	-	v	v	v	v	-
	20	Metal	VSB	18,2	54,9	-	0,3	50	2,3	60	0,60	v	-	-	v	v	v	v	-
	30	Metal	VSB	26,4	37,9	-	0,3	50	2,3	60	0,50	v	-	v	v	v	-	v	-
MM680	30	Metal	Acrylic	27,3	36,6	v	1,2	200	2,3	50	0,25	v	v	-	v	v	-	v	-
MM280	15	Metal	Treated	13,7	73,3	-	0,8	100	2,1	-	-	v	v	-	v	v	v	v	-
	20	Metal	Treated	18,2	54,9	-	0,8	100	2,1	-	-	v	v	-	v	v	v	v	-
	30	Metal	Treated	26,4	37,9	-	0,8	100	2,1	-	-	v	v	-	v	v	v	v	-
NM288	13	Metal	Treated	11,3	88,8	-	0,1	15	2,9	-	-	v	v	-	v	v	v	v	v
MM883	16	Metal	Treated	14,1	70,9	v	0,1	0,1	2,8	-	-	v	v	-	v	v	v	v	v
<b>WHITE films</b>																			
ICE M	38	Metal	Standard Sealing Range	23,6	42,4	-	-	-	2,1	30	-	v	-	-	-	-	-	-	-
MW480	38	Metal	Standard Sealing Range	23,6	42,4	-	0,5	80	2,3	30	0,40	v	v	-	v	v	v	v	-
MH388ES	28	Metal	Enhanced seal	20,7	48,4	v	0,1	10	3	60	0,60	v	v	-	v	v	v	v	v
UBWES	28	Metal	Treated	20,7	48,4	v	0,1	0,1	3	60	-	v	v	-	v	v	v	v	v
MM658	40	VLTS over metal	Acrylic	25,4	39,4	v	0,2	30	2,5	50	0,55	v	-	v	v	v	-	v	-
MU842	28	Metal	Treated	20,7	48,4	v	0,1	0,1	2,5	-	-	v	v	v	v	v	v	v	v
	35	Metal	Treated	25,2	39,7	v	0,1	0,1	2,5	-	-	v	v	v	v	v	v	v	v
MW280	38	Metal	-	23,6	42,4	-	3,0	-	2,3	-	-	v	-	v	v	v	-	v	-

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November 2017

Contact your Jindal Films representative for more information

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**Jindal**  
Films

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