

# Films at a glance

## Flexible packaging range

FILM TYPE	THICKNESS <sup>x</sup>	UNIT WEIGHT	YIELD	H <sub>2</sub> O PERMEABILITY / WVTR	O <sub>2</sub> PERMEABILITY / OTR	HEAT SEAL RANGE
	Micron (µm)	g/m <sup>2</sup>	m <sup>2</sup> /kg	38°C/90% RH g/m <sup>2</sup> /24hrs	23°C/0% RH cc/m <sup>2</sup> /24hrs	°C
<b>Bicor™ clear coated films</b>						
MB600	26	23,7	42,3	5,0	850	55*
	32	29,1	34,4	4,2	750	55*
MB621	21	19,1	52,4	7,0	-	55*
MB666	20	18,2	55,0	7,0	1000	55*
	25	22,7	44,0	5,0	850	55*
	31	28,2	35,5	4,5	750	55*
	35	31,8	31,4	4,0	650	55*
	41	37,3	26,8	3,5	600	55*
CLH	20	18,3	54,4	6,8	1300	55*
	40	37,6	27,5	3,5	1300	55*
	50	47,4	21,1	3,0	1000	55*
MB602	19	17,2	58,1	7,0	1000	55*
ICT	25	22,6	44,2	5,0	-	65*
	30	27,2	36,8	4,5	-	65*
MB777	21	20,4	48,9	5,0	20	55 (Ac) / 50 (PVdC)*
	26	25,0	40,0	4,2	20	55 (Ac) / 50 (PVdC)*
	32	30,4	32,8	3,8	20	55 (Ac) / 50 (PVdC)*
	42	39,5	25,3	2,9	20	55 (Ac) / 50 (PVdC)*
MB668	20	18,1	55,3	7,0	1000	80*
	25	22,6	44,2	5,0	850	80*
	31	28,1	35,6	4,5	750	80*
MBX768	26	24,0	41,7	3,0	20	75*
	32	29,4	34,0	3,0	20	75*
MBH668	27	24,4	41,0	2,8	850	75*
MBH568	25	22,0	45,4	3,1	15	75*
	30	27,5	36,4	2,7	15	75*
MB866	20	18,0	55,5	5,0	0,5	55 (Ac) / - (PVOH)*
MB890	16	14,1	71,2	5,0	0,5	40*
COS	32	29,4	34,0	-	-	50 (PVdC) / 55 (Ac)*
	42	38,6	25,9	-	-	50 (PVdC) / 55 (Ac)*
COS5	36	32,4	30,9	-	-	55 (SR) / 60 (Low SIT)
	42	37,9	26,4	-	-	55 (SR) / 60 (Low SIT)
<b>Bicor™ coextruded films</b>						
MB400	15	13,7	73,3	7,7	-	40 (Untreated)*
	17	15,5	64,6	7,7	-	40 (Untreated)*
	20	18,2	54,9	7,0	-	40 (Untreated)*
	25	22,8	44,0	5,0	-	35 (Treated) / 40 (Untreated)*
	30	27,3	36,6	4,5	-	35 (Treated) / 40 (Untreated)*
	35	31,9	31,4	4,0	-	35 (Treated) / 40 (Untreated)*
	40	36,4	27,5	3,5	-	35 (Treated) / 40 (Untreated)*
	50	45,5	22,0	3,0	-	35 (Treated) / 40 (Untreated)*
GND	20	18,2	54,9	6,8	-	30**
	25	22,8	44,0	5,5	-	30**
	30	27,3	36,6	4,6	-	30**
GEA	25	22,8	44,0	5,5	-	20**
HNA	25	22,8	44,0	44,0	-	50**
	30	27,3	36,6	4,6	-	50**
HND	20	18,2	54,9	6,8	-	50**
	25	22,8	44,0	44,0	-	50**
	30	27,3	36,6	4,6	-	50**
HLD	20	18,2	54,9	6,8	-	60**
	25	22,8	44,0	5,5	-	60**
	30	27,3	36,6	4,6	-	60**
MB090	18	16,4	61,1	7,5	-	40*
CSRSM	18	16,4	61,0	4,5	-	-
	25	22,9	43,7	5,0	-	-
NNA	20	18,2	54,9	6,8	-	-
NND	12	10,9	91,6	8,2	-	-
	20	18,2	54,9	6,8	-	-
	25	22,8	44,0	5,5	-	-
NNH	20	10,9	91,7	6,8	-	-
MB100	12	18,2	54,9	6,8	-	-
MR100	25	22,7	44	6,8	-	-
MR103	25	22,7	44	-	-	-
MB344US	40	36,4	27,5	4,0	-	55*
	50	45,5	22,0	4,0	-	55*

- = not applicable or not specified

<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.

\* 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

\*\* 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

Film type	Thickness <sup>x</sup>	Unit Weight	Yield	H <sub>2</sub> O Permeability / WVTR	O <sub>2</sub> Permeability / OTR	Heat Seal Range
	Micron (µm)	g/m <sup>2</sup>	m <sup>2</sup> /kg	38°C/90% RH g/m <sup>2</sup> /24hrs	23°C/0% RH cc/m <sup>2</sup> /24hrs	°C

#### OPPalyte™ white opaque coated films

MW647	35	22,5	44,4	6,1	900	55*
	40	25,6	39,0	5,2	800	55*
	45	28,7	34,9	4,1	700	55*
MH647	42	31,1	32,1	4,0	750	55*
MO747	36	24,8	40,4	4,8	20	55 (Ac) / 50 (PVdC)*
	50	33,4	29,9	3,4	20	55 (Ac) / 50 (PVdC)*
MW747	31	21,7	46,2	5,2	20	55 (Ac) / 50 (PVdC)*
MW648	30	19,3	51,9	7,0	1000	80*
	40	25,5	39,2	5,2	800	80*
MH648	42	31,1	32,2	4,0	750	80*
	52	38,5	26,0	3,0	650	80*

#### OPPalyte™ white opaque uncoated films

STD	28	21,5	46,5	5,5	-	60**
	35	26,0	38,5	4,5	-	60**
	40	30,0	33,3	4,0	-	60**
	50	37,0	27,0	3,0	-	60**
MD447	30	24,0	41,6	5,0	-	45 (Seal) / 35 (Treated)*
	35	27,9	35,8	4,5	-	45 (Seal) / 35 (Treated)*
ICE	33	20,5	48,8	-	-	45*
	38	23,6	42,4	-	-	45*
D0447	38	20,5	48,8	-	-	45*
HGP	40	28,8	34,7	6,5	-	30**
VLD	40	23,5	42,6	5,5	-	60**
SVD	28	21,0	47,6	4,8	-	40**
WTD	20	19,2	52,1	8,3	-	65*
	25	24,0	41,7	6,6	-	65*
	30	28,8	34,7	5,5	-	65*
	35	33,6	29,8	4,7	-	65*
	40	38,4	26,0	4,1	-	65*
MW247	33	20,5	48,8	6,1	-	-
	38	23,6	42,4	5,2	-	-
	47	29,0	34,4	4,1	-	-
MH247	35	25,4	39,4	4,9	-	-
	40	29,0	34,4	4,2	-	-
	50	36,3	27,5	3,0	-	-
SHD	28	21,5	46,5	5,5	-	-
	35	26,0	38,5	4,5	-	-
	40	30,0	33,3	4,0	-	-
	50	37,0	27,0	3,0	-	-
	60	45,0	22,2	2,5	-	-
SHH	28	21,5	46,5	5,5	-	-
	40	30,0	33,3	4,0	-	-

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Film type	Thickness <sup>x</sup>	Unit Weight	Yield	H <sub>2</sub> O Permeability / WVTR	O <sub>2</sub> Permeability / OTR	Heat Seal Range
	Micron (µm)	g/m <sup>2</sup>	m <sup>2</sup> /kg	38°C/90% RH g/m <sup>2</sup> /24hrs	23°C/0% RH cc/m <sup>2</sup> /24hrs	°C
<b>Metallyte™ films</b>						
<b>MM480</b>	15	13,7	73,3	0,6	-	40*
	18	16,4	61,1	0,6	-	40*
	20	18,2	54,9	0,6	-	40*
	30	26,4	37,9	0,6	-	40*
<b>MM488</b>	12	10,9	91,6	0,3	50	40*
	15	13,7	73,3	0,3	50	40*
	18	16,4	61,1	0,3	50	40*
<b>MM388</b>	18	16,2	61,1	0,2	26	40*
<b>MM398</b>	15	13,7	73,3	0,3	50	65*
<b>MLB</b>	20	18,2	54,9	0,3	40	84*
	30	27,3	36,6	0,3	40	84*
<b>MM280</b>	30	26,4	37,9	0,6	-	-
<b>MM288</b>	15	13,7	73,2	0,1	25	-
<b>ICE M</b>	38	23,6	42,4	-	-	45*
<b>MW280</b>	38	23,6	42,4	2,5	-	-
<b>MW480</b>	38	23,6	42,4	0,5	80	45*
<b>MH0280</b>	35	25,4	39,4	1,5	-	-
<b>QFM</b>	35	23,5	42,6	0,2	30	55*
<b>Metallyte™ ultra-high barrier films</b>						
<b>UBWES</b>	28	20,7	48,4	0,1	0,1	65*
<b>MU842</b>	28	20,7	49,4	0,1	0,1	-
	35	25,2	39,7	0,1	0,1	-
<b>MM883</b>	16	14,1	71,2	0,1	0,1	-
<b>MML883</b>	18	16,4	61	0,1	0,1	-
<b>Alox-Lyte™ films</b>						
<b>A0893</b>	16	14,1	71,2	0,7	0,5	-
<b>A0894</b>	16	14,1	71,2	0,7	0,5	40*
<b>A0L893</b>	18	16,4	61	1,5	1,5	-
<b>SealTOUGH™ films</b>						
<b>XE400</b>	18	16,7	59,9	24	-	-
<b>Ethy-Lyte™ films</b>						
<b>HD200</b>	20	19,00	52,6	6	-	-
	25	23,75	42,1	5	-	-
<b>HD213</b>	25	23,1	43,3	5	-	-
<b>HD240</b>	25	23,75	42,3	5	-	90*
	35	33,25	30,2	5	-	90*
<b>HD235</b>	25	23,1	43,3	-	-	90*
<b>HD800</b>	25	23,6	42,3	5	1	-
<b>HD813</b>	25	23,4	42,7	5	1	-
<b>HDM880</b>	25	23,6	42,3	0,2	1	-

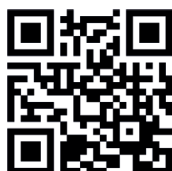
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