

Films at a glance for flexible packaging

| OPP film type | Thickness | Unit Weight | Yield | H ₂ O Permeability / WVTR | O ₂ Permeability / OTR | Heat Seal Range |
|--|------------------------|------------------------|-------------------------|--|--|---------------------------|
| Bicor™ clear coated films | Micron (µm) | g/m² | m²/kg | 38°C/90% RH g/m²/24hrs | 23°C/0% RH cc/m²/24hrs | °C |
| MB600 | 26 | 23.7 | 42.3 | 5.0 | 850 | 50 |
| | 32 | 29.1 | 34.4 | 4.2 | 750 | 50 |
| MB666 | 20 | 18.2 | 55.0 | 7.0 | 1000 | 50 |
| | 25 | 22.7 | 44.0 | 5.0 | 850 | 50 |
| | 31 | 28.2 | 35.5 | 4.5 | 750 | 50 |
| | 35 | 31.8 | 31.4 | 4.0 | 650 | 50 |
| | 41 | 37.3 | 26.8 | 3.5 | 600 | 50 |
| MB621 | 21 | 19.1 | 52.4 | 7.0 | | 40 |
| MB668 | 20 | 18.1 | 55.3 | 7.0 | 1000 | 70 |
| | 25 | 22.6 | 44.2 | 5.0 | 850 | 70 |
| | 31 | 28.1 | 35.6 | 4.5 | 750 | 70 |
| | 41 | 37.0 | 27.0 | 3.5 | 600 | 70 |
| MB777 | 21 | 20.4 | 48.9 | 5.0 | 20 | 50(Ac/Ac) & 30(PVdC/PVdC) |
| | 26 | 25.0 | 40.0 | 4.2 | 20 | 50(Ac/Ac) & 30(PVdC/PVdC) |
| | 32 | 30.4 | 32.8 | 3.8 | 20 | 50(Ac/Ac) & 30(PVdC/PVdC) |
| | 42 | 39.5 | 25.3 | 2.9 | 20 | 50(Ac/Ac) & 30(PVdC/PVdC) |
| MB768 | 26 | 24.0 | 41.7 | 3.0 | 20 | 70 |
| | 32 | 29.4 | 34.0 | 3.0 | 20 | 70 |
| MB866 | 20 | 17.7 | 56.4 | 5.0 | 0.5 | 50(Ac) |
| MBR666 | 31 | 27.9 | 35.9 | 4.5 | 750 | 50 |
| | 52 | 47.4 | 21.1 | 2.5 | 550 | 50 |
| COS | 32 | 29.4 | 34.0 | | | 50(Ac/Ac) & 40(PVdC/PVdC) |
| | 42 | 38.6 | 25.9 | | | 50(Ac/Ac) & 40(PVdC/PVdC) |
| Bicor™ tobacco films | | | | | | |
| MBT621 | 21 | 19.1 | 52.4 | 7.0 | | 40 |
| MBT666 | 20 | 18.2 | 55.0 | 7.0 | 1000 | 50 |
| | 25 | 22.7 | 44.0 | 5.0 | 850 | 50 |
| MBT777 | 21 | 20.4 | 48.9 | 5.0 | 20 | 50(Ac/Ac) & 30(PVdC/PVdC) |
| OPPalyte™ white opaque coated films | | | | | | |
| MW647 | 35 | 22.5 | 44.4 | 6.1 | 900 | 50 |
| | 40 | 25.6 | 39.0 | 5.2 | 800 | 50 |
| | 45 | 28.7 | 34.9 | 4.1 | 700 | 50 |
| MH647 | 42 | 31.1 | 32.1 | 4.0 | 750 | 50 |
| | 52 | 38.5 | 26.0 | 3.0 | 650 | 50 |
| MW648 | 30 | 19.3 | 51.9 | 7.0 | 1000 | 70 |
| | 40 | 38.5 | 39.2 | 5.2 | 800 | 70 |
| MH648 | 42 | 31.0 | 32.2 | 4.0 | 750 | 70 |
| | 52 | 38.5 | 26.0 | 3.0 | 650 | 70 |
| MO747 | 36 | 24.8 | 40.4 | 4.8 | 20 | 50(Ac/Ac) & 30(PVdC/PVdC) |
| | 50 | 33.4 | 29.9 | 3.4 | 20 | 50(Ac/Ac) & 30(PVdC/PVdC) |
| MW747 | 31 | 21.7 | 46.2 | 5.2 | 20 | 50(Ac/Ac) & 30(PVdC/PVdC) |
| AH748 | 43 | 32.4 | 30.9 | 3.0 | 20 | 70 |
| MHR647 | 52 | 38.2 | 26.2 | 3.0 | 650 | 60 |

| OPP film type | Thickness | Unit Weight | Yield | H ₂ O Permeability / WVTR | O ₂ Permeability / OTR | Heat Seal Range |
|---------------------------------|----------------|------------------|--------------------|--|--|----------------------|
| OPPAlyte™ white opaque films | Micron (µm) | g/m ² | m ² /kg | 38°C/90% RH g/m ² /24hrs | 23°C/0% RH cc/m ² /24hrs | °C |
| MH347 | 30 | 21.7 | 46.1 | 5.0 | | 60 |
| | 35 | 25.4 | 39.4 | 4.5 | | 60 |
| | 40 | 29.0 | 34.5 | 3.8 | | 60 |
| MD347 | 20 | 16.0 | 62.5 | 7.0 | | 55 |
| MD447 | 30 | 24.0 | 41.6 | 5.0 | | 40(UT/UT) & 25(UT/T) |
| | 35 | 27.9 | 35.8 | 4.5 | | 30(UT/UT) & 25(UT/T) |
| | 40 | 31.9 | 31.3 | 4.0 | | 30(UT/UT) & 25(UT/T) |
| M0447 | 38 | 23.6 | 42.4 | 5.2 | | 30 |
| D0447 | 38 | 20.5 | 48.8 | | | 30 |
| MH247 | 35 | 25.4 | 39.4 | 4.9 | | |
| | 40 | 29.0 | 34.4 | 4.2 | | |
| | 50 | 36.3 | 27.5 | 3.0 | | |
| MW247 | 33 | 20.5 | 48.8 | 6.1 | | |
| | 38 | 23.6 | 42.4 | 5.2 | | |
| | 47 | 29.0 | 34.4 | 4.1 | | |
| ICE | 33 | 20.5 | 48.8 | | | 30 |
| | 38 | 23.6 | 42.4 | | | 30 |

Metallyte™ films

| | | | | | | |
|----------|----|------|------|-----|-----|----|
| MM688 | 30 | 28.4 | 35.2 | 0.3 | 50 | 60 |
| MM648 | 40 | 25.5 | 39.2 | 0.3 | 50 | 60 |
| MM680 | 30 | 27.3 | 36.6 | 1.2 | 200 | 50 |
| MH388-ES | 28 | 20.7 | 48.4 | 0.1 | 15 | 60 |
| MW280 | 38 | 23.6 | 42.4 | 2.0 | | |
| MW480 | 38 | 23.6 | 42.4 | 0.5 | 80 | 30 |
| ICE M | 38 | 23.6 | 42.4 | | | 30 |
| MM288 | 15 | 13.7 | 73.2 | 0.1 | 15 | |
| MM398 | 15 | 13.7 | 73.3 | 0.3 | 50 | 60 |
| MM348 | 15 | 13.7 | 73.3 | 0.3 | 50 | 55 |
| | 18 | 16.4 | 61.1 | 0.5 | 50 | 55 |
| MM388 | 18 | 16.2 | 61.1 | 0.2 | 26 | 40 |
| MM483 | 18 | 16.4 | 61.1 | 0.2 | 26 | 55 |
| MM488 | 18 | 16.4 | 61.1 | 0.3 | 50 | 40 |
| MM480 | 20 | 18.2 | 54.9 | 0.8 | 100 | 30 |
| | 29 | 26.4 | 37.9 | 0.8 | 100 | 30 |

Metallyte™ ultra-high barrier films

| | | | | | | |
|--------|----|------|------|-----|-----|----|
| MU842 | 35 | 25.2 | 39.7 | 0.1 | 0.1 | |
| MM883 | 18 | 16.4 | 61.1 | 0.3 | 0.1 | |
| UBW-ES | 28 | 20.7 | 48.4 | 0.3 | 0.1 | 60 |

Bicor™ coextruded films

| | | | | | | |
|--------|----|------|------|-----|--|--------------------------------|
| SUP490 | 50 | 46.9 | 21.3 | 3.4 | | 60 |
| MB080 | 20 | 18.2 | 54.9 | 7.0 | | 30 |
| | 29 | 26.4 | 37.9 | 4.5 | | 30 |
| MB090 | 18 | 16.4 | 61.1 | 7.5 | | 40 |
| MB400 | 15 | 13.7 | 73.3 | 7.7 | | 30 |
| | 17 | 15.5 | 64.6 | 7.7 | | 30 |
| | 20 | 18.2 | 54.9 | 7.0 | | 30 |
| | 25 | 22.8 | 44.0 | 5.0 | | 30 |
| | 30 | 27.3 | 36.6 | 4.5 | | 30 |
| MB440 | 19 | 17.3 | 57.8 | 7.0 | | 15(UT/LLDPE) & 25(UT/LLDPE) |
| ICT | 25 | 22.2 | 45.0 | 5.0 | | 55 |

Contact your Jindal Films representative for more information

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