

Metallized films at a glance

Flexible packaging range

Metallyte™
films

| OPP films type | Structure | | | | Key properties | | | | | | | | Main packaging formats | | | Key markets | | | | |
|---------------------------|-----------------|---------------|--------------------|------------------------|----------------------|-----------------|---------------|---------------------|----------------------|-----------------|----------------------|------|------------------------|------|------------|------------------|---------------|-----------------------|--------------------|-------------------------------|
| | Thickness* (µm) | Clear / White | Metal side | Non Metal side | Unit weight (g / m²) | Yield (m² / kg) | Aroma Barrier | WVTr (g / m² / day) | O2Tr (cc / m² / day) | Optical Density | Heat seal range (°C) | COF | HFFS | VFFS | Single web | Biscuit & Bakery | Confectionary | Snacks, Nuts, Cereals | HBA, HPC, pet food | Dry food and Beverage powders |
| Ultra high barrier | | | | | | | | | | | | | | | | | | | | |
| MM883 | 16 | Clear | Metal | Treated | 14,1 | 70,9 | √ | 0,1 | 0,1 | 2,8 | - | - | √ | √ | - | √ | √ | √ | √ | √ |
| MU842 | 35 | White | Metal | Treated | 25,2 | 39,7 | √ | 0,1 | 0,1 | 2,5 | - | - | √ | √ | - | √ | √ | √ | √ | √ |
| UBWES | 28 | White | Metal | Enhanced Seal | 20,7 | 48,4 | √ | 0,1 | 0,1 | 3 | 60 | - | √ | √ | - | √ | √ | √ | √ | √ |
| High Barrier | | | | | | | | | | | | | | | | | | | | |
| MM688 | 30 | Clear | Acrylic over Metal | VLTS coating | 28,4 | 35,2 | - | 0,3 | 50 | 2,5 | 60 | 0,4 | √ | - | √ | √ | √ | √ | √ | - |
| MM398 | 15 | Clear | Metal | VBSR | 13,7 | 73,3 | - | 0,3 | 50 | 2,3 | 60 | 0,6 | √ | - | - | √ | √ | √ | √ | - |
| | 20 | Clear | Metal | VBSR | 18,2 | 54,9 | - | 0,3 | 50 | 2,3 | 60 | 0,6 | √ | - | - | √ | √ | √ | √ | - |
| | 30 | Clear | Metal | VBSR | 26,4 | 37,9 | - | 0,3 | 50 | 2,3 | 60 | 0,5 | √ | - | √ | √ | √ | - | √ | - |
| MM388 | 18 | Clear | Metal | BSR | 16,2 | 61,1 | - | 0,2 | 26 | 2,5 | 40 | - | √ | √ | - | - | - | - | √ | √ |
| NM288 | 13 | Clear | Metal | Treated | 11,3 | 88,8 | - | 0,1 | 15 | 2,9 | - | - | √ | √ | - | √ | √ | √ | √ | √ |
| MH388ES | 28 | White | Metal | Enhanced seal | 20,7 | 48,4 | √ | 0,1 | 15 | 3 | 60 | 0,6 | √ | √ | - | √ | √ | √ | √ | √ |
| MM658 | 40 | White | VLTS over metal | Acrylic coating | 25,4 | 39,4 | √ | 0,2 | 30 | 2,5 | 50 | 0,55 | √ | - | √ | √ | √ | - | √ | - |
| Barrier | | | | | | | | | | | | | | | | | | | | |
| MM348 | 15 | Clear | Metal | VBSR | 13,7 | 73,3 | - | 0,3 | 50 | 2,3 | 55 | 0,5 | √ | √ | - | √ | √ | √ | √ | - |
| MM488 | 15 | Clear | Metal | BSR | 13,7 | 73,3 | - | 0,3 | 50 | 2,3 | 40 | 0,32 | √ | √ | - | √ | √ | √ | √ | - |
| | 18 | Clear | Metal | BSR | 16,4 | 61,1 | - | 0,3 | 50 | 2,3 | 40 | 0,4 | √ | √ | √ | √ | √ | √ | √ | - |
| MW480 | 38 | White | Metal | Standard Sealing Range | 23,6 | 42,4 | - | 0,5 | 80 | 2,3 | 30 | 0,4 | √ | √ | - | √ | √ | √ | √ | - |
| Decorative | | | | | | | | | | | | | | | | | | | | |
| MM680 | 30 | Clear | Metal | Acrylic coating | 27,3 | 36,6 | √ | 1,2 | 200 | 2,3 | 50 | 0,25 | √ | √ | - | √ | √ | - | √ | - |
| MM480 | 15 | Clear | Metal | Standard Sealing Range | 13,7 | 73,3 | - | 0,8 | 100 | 2,1 | 30 | - | √ | √ | - | √ | √ | √ | √ | - |
| | 18 | Clear | Metal | Standard Sealing Range | 16,4 | 61,1 | - | 0,8 | 100 | 2,1 | 30 | - | √ | √ | - | √ | √ | √ | √ | - |
| | 20 | Clear | Metal | Standard Sealing Range | 18,2 | 54,9 | - | 0,8 | 100 | 2,1 | 30 | - | √ | √ | - | √ | √ | √ | √ | - |
| | 29 | Clear | Metal | Standard Sealing Range | 26,4 | 37,9 | - | 0,8 | 100 | 2,1 | 30 | - | √ | √ | - | √ | √ | √ | √ | - |
| | 20 | Clear | Metal | Treated | 18,2 | 54,9 | - | 0,8 | 100 | 2,1 | - | - | √ | √ | - | √ | √ | √ | √ | - |
| MM280 | 30 | Clear | Metal | Treated | 26,4 | 37,9 | - | 0,8 | 100 | 2,1 | - | - | √ | √ | - | √ | √ | √ | √ | - |
| MW280 | 38 | White | Metal | - | 23,6 | 42,4 | - | 2 | - | 2,3 | - | - | √ | - | √ | √ | √ | - | √ | - |
| ICE M | 38 | White | Metal | Standard Sealing Range | 23,6 | 42,4 | - | - | - | 2,1 | 30 | - | √ | - | - | - | - | - | - | - |

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

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| MM480 | 15 | Metal | Standard Sealing Range | 13,7 | 73,3 | - | 0,8 | 100 | 2,1 | 30 | - | √ | √ | - | √ | √ | √ | √ | - |
| | 18 | Metal | Standard Sealing Range | 16,4 | 61,1 | - | 0,8 | 100 | 2,1 | 30 | - | √ | √ | - | √ | √ | √ | √ | - |
| | 20 | Metal | Standard Sealing Range | 18,2 | 54,9 | - | 0,8 | 100 | 2,1 | 30 | - | √ | √ | - | √ | √ | √ | √ | - |
| | 29 | Metal | Standard Sealing Range | 26,4 | 37,9 | - | 0,8 | 100 | 2,1 | 30 | - | √ | √ | - | √ | √ | √ | √ | - |
| MM388 | 18 | Metal | BSR | 16,2 | 61,1 | - | 0,2 | 26 | 2,5 | 40 | - | √ | √ | - | - | - | - | √ | √ |
| MM488 | 15 | Metal | BSR | 13,7 | 73,3 | - | 0,3 | 50 | 2,3 | 40 | 0,32 | √ | √ | - | √ | √ | √ | √ | - |
| | 18 | Metal | BSR | 16,4 | 61,1 | - | 0,3 | 50 | 2,3 | 40 | 0,4 | √ | √ | √ | √ | √ | √ | √ | - |
| MM348 | 15 | Metal | VBSR | 13,7 | 73,3 | - | 0,3 | 50 | 2,3 | 55 | 0,5 | √ | √ | - | √ | √ | √ | √ | - |
| MM398 | 15 | Metal | VBSR | 13,7 | 73,3 | - | 0,3 | 50 | 2,3 | 60 | 0,6 | √ | - | - | √ | √ | √ | √ | - |
| | 20 | Metal | VBSR | 18,2 | 54,9 | - | 0,3 | 50 | 2,3 | 60 | 0,6 | √ | - | - | √ | √ | √ | √ | - |
| | 30 | Metal | VBSR | 26,4 | 37,9 | - | 0,3 | 50 | 2,3 | 60 | 0,5 | √ | - | √ | √ | √ | - | √ | - |
| MM688 | 30 | Acrylic over Metal | VLTS coating | 28,4 | 35,2 | - | 0,3 | 50 | 2,5 | 60 | 0,4 | √ | - | √ | √ | √ | √ | √ | - |
| MM680 | 30 | Metal | Acrylic coating | 27,3 | 36,6 | √ | 1,2 | 200 | 2,3 | 50 | 0,25 | √ | √ | - | √ | √ | - | √ | - |
| MM280 | 20 | Metal | Treated | 18,2 | 54,9 | - | 0,8 | 100 | 2,1 | - | - | √ | √ | - | √ | √ | √ | √ | - |
| | 30 | Metal | Treated | 26,4 | 37,9 | - | 0,8 | 100 | 2,1 | - | - | √ | √ | - | √ | √ | √ | √ | - |
| NM288 | 13 | Metal | Treated | 11,3 | 88,8 | - | 0,1 | 15 | 2,9 | - | - | √ | √ | - | √ | √ | √ | √ | √ |
| MM883 | 16 | Metal | Treated | 14,1 | 70,9 | √ | 0,1 | 0,1 | 2,8 | - | - | √ | √ | - | √ | √ | √ | √ | √ |
| ICE M | 38 | Metal | Standard Sealing Range | 23,6 | 42,4 | - | - | - | 2,1 | 30 | - | √ | - | - | - | - | - | - | - |
| MW480 | 38 | Metal | Standard Sealing Range | 23,6 | 42,4 | - | 0,5 | 80 | 2,3 | 30 | 0,4 | √ | √ | √ | √ | √ | √ | √ | - |
| MH388ES | 28 | Metal | Enhanced seal | 20,7 | 48,4 | √ | 0,1 | 15 | 3 | 60 | 0,6 | √ | √ | - | √ | √ | √ | √ | √ |
| UBWES | 28 | Metal | Enhanced Seal | 20,7 | 48,4 | √ | 0,1 | 0,1 | 3 | 60 | - | √ | √ | - | √ | √ | √ | √ | √ |
| MM658 | 40 | VLTS over metal | Acrylic coating | 25,4 | 39,4 | √ | 0,2 | 30 | 2,5 | 50 | 0,55 | √ | - | √ | √ | √ | - | √ | - |
| MU842 | 35 | Metal | Treated | 25,2 | 39,7 | √ | 0,1 | 0,1 | 2,5 | - | - | √ | √ | - | √ | √ | √ | √ | √ |
| MW280 | 38 | Metal | - | 23,6 | 42,4 | - | 2 | - | 2,3 | - | - | √ | - | √ | √ | √ | - | √ | - |

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Contact your Jindal Films representative for more information

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