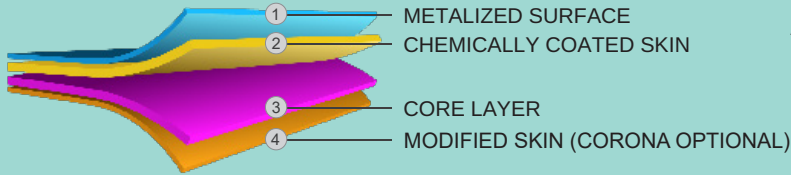




METALIZED PET

METALIZED PET - is a metalized polyester film suitable for flexible, non-hot fill packaging applications. This film is metalized on chemically coated surface to provide very good metal bond strength. Available with OTR transmission range from 2.2 to 2.8 which provides excellent barrier properties. This film grade complies with FDA and EC regulations for food packaging. Corona treatment on non-coated surface is optional.



FILM TYPES:

- MCAI** - Metalized on chemically coated surface inside
- MCAO** - Metalized on chemically coated surface outside
- MCAOT** - Metalized on chemically coated surface outside, inside corona treated
- MCAIT** - Metalized on chemically coated surface inside outside corona treated
- MTICA** - Metalized on corona treated surface inside, outside chemically coated
- MTOCA** - Metalized on corona treated surface outside, inside chemically coated

APPLICATION:

- Flexible Packaging
- Printing & Laminating

| PROPERTIES | TEST METHOD | UNIT | | TYPICAL VALUES | | | |
|--|-------------|-----------------------------|---------|----------------|--------|--------|--------|
| Thickness [+/- 2.5%] (Nominal) | Internal | Micron | | 8 | 9 | 10 | 12 |
| | | Gauge | | 32 | 36 | 40 | 48 |
| Yield (Nominal) | Internal | m ² /kg | | 89.3 | 79.6 | 71.7 | 59.7 |
| | | sq in/lb | | 63000 | 56000 | 50500 | 42000 |
| Shrinkage (Max) 150°C @ 30 min | ASTM D 1204 | % | MD | 2.2 | 2.2 | 2.2 | 2.2 |
| | | | TD | 0.6 | 0.6 | 0.6 | 0.6 |
| Transmission Rate WVTR (38°C, 90% RH) | ASTM F 1279 | gm/m ² -day | *OD-2.2 | ≤ 0.90 | ≤ 0.90 | ≤ 0.60 | ≤ 0.60 |
| | | | *OD-2.5 | ≤ 0.60 | ≤ 0.60 | ≤ 0.50 | ≤ 0.50 |
| | | | *OD-2.8 | ≤ 0.60 | ≤ 0.60 | ≤ 0.50 | ≤ 0.40 |
| | | gm/100 in ² -day | *OD-2.2 | ≤ 0.06 | ≤ 0.06 | ≤ 0.04 | ≤ 0.04 |
| | | | *OD-2.5 | ≤ 0.04 | ≤ 0.04 | ≤ 0.03 | ≤ 0.03 |
| | | | *OD-2.8 | ≤ 0.04 | ≤ 0.04 | ≤ 0.03 | ≤ 0.03 |
| Transmission Rate OTR (23°C, 0% RH) | ASTM D 3985 | cc/m ² -day | *OD-2.2 | ≤ 1.30 | ≤ 1.20 | ≤ 1.10 | ≤ 1.00 |
| | | | *OD-2.5 | ≤ 1.20 | ≤ 1.10 | ≤ 1.00 | ≤ 0.90 |
| | | | *OD-2.8 | ≤ 1.10 | ≤ 1.00 | ≤ 0.90 | ≤ 0.80 |
| | | cc/100 in ² -day | *OD-2.2 | ≤ 0.08 | ≤ 0.08 | ≤ 0.07 | ≤ 0.06 |
| | | | *OD-2.5 | ≤ 0.08 | ≤ 0.07 | ≤ 0.06 | ≤ 0.06 |
| | | | *OD-2.8 | ≤ 0.07 | ≤ 0.06 | ≤ 0.06 | ≤ 0.05 |
| Metal to film Bond Strength (Avg) | Internal | gm/25mm | | 500 | | | |
| Reel Width Tolerance | - | mm | | -0/+2 | | | |

* Allowable OD Tolerance +/- 5%

Storage & Handling: Needs to be stocked in a closed warehouse & should not be exposed to direct sun light or light sources. Avoid extreme of humidity and heat. It is recommended to store below 40°C in dry places in original packing.

Food Contact: Complies with EC (EU 202/2014 & EU 10/2011) and FDA (21 CFR § 175.105 & 21 CFR § 175.300) regulations on packaging for direct contact with foodstuffs. Specific document and MSDS are available on request.

Disclaimer: The information given above is to the best of our knowledge and experience. Some of the properties can be changed as a result of suppliers' efforts to improve upon the quality or production efficiency of the subject. The information is believed to be true and accurate and is not intended to violate any statutory condition or right of a third party. StockPKG makes no warranty, express or implied, as to the fitness of the product for any specific use or purpose. The above data is purely for readers' consideration, investigation and verification and should be read in conjunction with the conditions for sale or contract.