

FILM DATA SHEET

MET300



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Exterior
48 gauge Metalized PET
2.5 mil LLDPE
Interior

Physical Description:

3mil Silver Metalized PET/Poly laminated barrier film

Application:

This Silver FDA approved film is typically used in the food, medical, and general industrial applications. The metallization of the PET reduces OTR and MVTR to extend shelf life and/or protect the product from environmental factors. The LDPE sealant layer enables this laminated structure to be heat sealable. It is a good cost-effective barrier structure for granola, candy, snack chips, etc that need longer shelf life than typical clear barrier structures.

Converting:

It can be converted in many ways: 2-seal pouch, 3-seal pouch, side gusset, stand up pouch and tubing. Features include: recloseable zipper, tear notch, round hang hole, and sombrero hang hole. The MET300 can also be surface printed or reverse-trapped printed. It is available in web widths to 60"

Physical Properties:

| PROPERTIES | TEST METHOD | UNIT OF MEASURE | TYPICAL VALUES |
|------------|---------------|--------------------------------------|----------------|
| Thickness | Caliper | Mils | 3 |
| Yield | | in ² /lb | 8,564 |
| MVTR | Mocon | grams/m ² /24hr | 0.111 |
| OTR | ASTM D - 3985 | cc/100 in ² /24 hrs/1 atm | 0.07 |
| Tensile MD | ASTM -D882 | 10 ³ psi at break | 19 |
| Tensile TD | ASTM -D882 | 10 ³ psi at break | 22 |
| Tear MD | ASTM -D689 | 10 ³ psi at break | 48 |
| Tear TD | ASTM -D689 | 10 ³ psi at break | 48 |
| Puncture | Fed. TM 2065 | psi | 12 |

The values indicated in this document are the results of tests made in compliance with the normal standards. They are given as an indication and should be considered as average values and given without any obligation on our part. This data was provided directly to Shannon from our film supplier.

For more information about material data, please visit our web site at www.shannonpkg.com

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