

Primary and Secondary Labeling

Silver Polyethylene

End Use Applications:
Full Squeeze Container Labeling
Semi-Squeeze Container Labeling
Rigid Container Labeling

For Consumable Products including:
Health and Beauty
Household Chemical
Food

For more information on FLEXcon's pressure-sensitive film solutions for Primary and Secondary Labeling, contact your local Sales Representative or our Product Identification Business Team at (508) 885-8300.

Product ID #: FLX011648



Product:

Flexcon®
OptiFlex® Squeeze™ MPE34633

Benefits:

- 3.4 mil silver polyethylene offers superior film conformability for maximum label and graphic coverage
- Polyethylene film offers good resistance to a variety of environments, including the shower where moisture and humidity are present
- Print-receptive film provides uniform and consistent printability via rotary letterpress, rotary screen and flexography (FLEXcon recommends in-line corona treatment to enhance ink receptivity)
- Permanent pressure-sensitive acrylic adhesive bonds well to low- and high-surface energy plastics, metal and paint without lifting, tunneling or flagging
- Adhesive offers excellent tack, clarity and wet out characteristics
- Backed with Flexcon® TracRite™ 120 polyester release liner for excellent on-press performance for tight registration graphics
- Release liner provides a good diecutting base and allows for high-speed dispensing

Please note: Gels are inherent in polyethylene films and are generally hard to see. The metal process is on the surface and can be more visible due to the highly-reflective nature of the product. We recommend "fit-for-use" testing under actual application conditions.

Flexcon® OptiFlex® Squeeze™ MPE34633

| PRODUCT DATA | VALUE | | TEST METHOD |
|---------------------------------|--|-----------------------------|---|
| Physical Properties | | | |
| Thickness (Mils[microns]) | Film | 3.4 (86) +/- 10% | ASTM D 3652 (Modified for use with non-tape products) |
| | Adhesive | 0.8-0.9 (20-23) +/- 0.1 (3) | |
| | Liner | 1.2 (30) +/- 5% | |
| Dimensional Stability (%) | MD | 0.50 | Applied Shrinkage: 24 hour dwell time on aluminum panel then 24 hours at 160°F (71°C) |
| | TD | 0.50 | |
| Adhesion Properties | | | |
| Ultimate Peel from | Average | | ASTM D 903 (Modified for 72 hour dwell time) |
| | Oz/In | (N/m) | |
| Corona Treated Polyethylene | 67 | (737) | |
| Polyester | 88 | (968) | |
| Polyethylene | 32 | (352) | |
| Polypropylene | 21 | (231) | |
| PVC | 89 | (979) | |
| Stainless Steel | 64 | (704) | |
| Styrene | 79 | (869) | |
| Expected Shear | | | ASTM D 3654 Method A a. 1 hr. dwell b. 1 sq. in. surface c. 4 lb. load |
| Room Temp (hours) | 20 | | |
| Tack (gm/sq cm) | 660 | | ASTM D 2979 |
| Expected Exterior Life | Indoor use only | | |
| Service Temperature Range | -40°F to 176°F (-40°C to 80°C) | | |
| Minimum Application Temperature | 50°F (10°C) | | |
| Storage Stability | Two years when stored at 70°F (21°C) and 50% relative humidity | | |

Product Performance and Suitability

All of the descriptive information, the typical performance data, and recommendations for the use of Flexcon products shall be used only as a guide and do not reflect the specification or specification range for any particular property of the product. Furnishing such information is merely an attempt to assist you after you have indicated your contemplated use and shall in no event constitute a warranty of any kind by Flexcon. All purchasers of Flexcon products shall be responsible for independently determining the suitability of the material for the purpose for which it is purchased. No distributor, salesman, or representative of Flexcon is authorized to give any warranty, guaranty, or make any representation in addition or contrary to the above.

Last Modified On: 02/14/2024

