Flexcon® OptiFlex® Squeeze™ MPE34633 3.4 MIL Silver Polyethylene, Permanent Adhesive, TracRite™ 120

Primary and Secondary Labeling Silver Polyethylene

FLX011648

Benefits

- Adhesive offers excellent tack, clarity and wet out characteristics

Features

- 3.4 mil silver polyethylene offers superior film conformabilty 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
- Heavy coat weight of aggressive, permanent clear adhesive provides good tack, wet-out and ultimate adhesion, which prevents label from lifting
- Backed with Flexcon® TracRite™ 120 polyester release liner for excellent on-press performance for tight registration graphics
- Polyester release liner contains up to 60% Post Industrial Recycled content, provides good diecutting base and allows for high-speed dispensing

Additional Details

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.

Technical Data

Physical Properties

Thickness (Mils [microns])	Mils	Microns
Total Product	5.47	
Film	3.4 +/- 10 %	86
Adhesive	0.8-0.9 +/- 0.1	20-23 +/- 3
Liner	1.2 +/- 5%	30

Test Method: ASTM D 3652 (Modified for use with non-tape product)

Adhesion Properties

Ultimate Peel from	Average Oz/In	(N/m)
Stainless Steel	64	704
Styrene	79	869
Polypropylene	21	231
Polyethylene	32	352
PVC	89	979

Test Method: ASTM D 903 (Modified for 72 hr. dwell time)

Additional Properties	Value	Test Method
Expected Shear (hours)	20	ASTM D 3654 Method A (1 hr. dwell, 1 sq. in, 4 lb. load)
Tack (g)	660	ASTM D 2979
Expected Exterior Life	Indoor use only	
Additional Information		
Service Temperature	-40°F to 176°F (-40°C to 80°C)	
Minimum Application Temperature	50°F (10°C)	
Storage Stability	Two years stored at 70°F (21°C) and 50% relative humidity	

Product Performance and Suitability

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