



PolyShip™ Order Fulfillment Film (OFM)

Polyship™ mailbag film is specifically engineered for order fulfillment applications. This co-extruded film is made from a unique blend of resins that offer superior sealing, strength and security. The matte exterior finish is ideal for both direct thermal transfer imprinting and adhesive label application.

Polyship bags feature our exclusive ProGap™ technology that guarantees reliable and consistent bag opening for better productivity and less waste. For enhanced consistency, bags are made with a special polymer technology to reduce static buildup. Polyship bags are also manufactured with a unique perforation design that enables a wider, more circular bag opening for easier product loading. They also come standard with heavy duty, reinforced side seals that protect against splitting during loading and loss of goods in transit.

Polyship bags are available in a variety of sizes, and can be pre-printed with high-resolution graphics and text for brand awareness. Optional features include easy-open perforations and two-way tape for convenient merchandise returns. EarthAware™ biodegradable Polyship is also available for a more environmentally responsible option. Genuine Autobag® bags-on-a-roll and SidePouch® bags-in-a-box are system-matched and guaranteed to run on all Automated Packaging Systems' bagging equipment.

User Benefits

- Categorized as a #4 plastic, which is more convenient to recycle
- Excellent puncture resistance
- Static buildup is significantly reduced
- Superior graphic printing capabilities
- Unique co-ex blend that seals better and at a wider temperature range than other brands
- Strong, durable and opaque for security
- Heavy duty, reinforced side seals for added content protection
- Patented ProGap™ design for guaranteed bag indexing and opening
- Optional two-way tape for convenient merchandise returns

Typical Applications

- Soft Goods Fulfillment
- Pharmacy Fulfillment
- Industrial Fulfillment
- Novelty Fulfillment
- Catalog Order Fulfillment

Technical Specifications

Compliances: USPS T-3204 Rev. D for use on AFSM 100 (Flats)
Press Printing: Yes
Imprinting: Yes
Trim Seal: Yes
Mil Thickness: 2.0, 2.5, 3.0
Configuration: Autobag and SidePouch with restrictions

Performance Data:	Units	2.0 MIL OFM	2.5 MIL OFM	3.0 MIL OFM
Dart Impact	g	398	438	480
Elmendorf Tear, MD	g	973	1077	1578
Elmendorf Tear, TD	g	1220	1592	2017
Tensile @ Break, MD	psi	5930	5819	5698
Tensile @ Break, TD	psi	4284	4369	4452
Elongation @ Break, MD	%	615	652	694
Elongation @ Break, TD	%	694	711	720
OTR	cc/100in ² /day	216	198	131
WVTR	g/100in ² /day	0.66	0.48	0.36



MIL
2.0
2.5
3.0

OFM

00095687 007



Above chart reflects nominal test data values. Actual results may fluctuate due to inherent process variation. Test data and mil thickness reflect OFM material only. Certain minimum purchase volumes may apply.

machines — **materials** — **service**

s y s t e m s a d v a n t a g e

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