



PolyPro 4000D-E

White direct thermal polypropylene film containing 30% recycled polypropylene with comparable printability and performance as standard grades.

As concerns for environmental sustainability continue to grow, companies are looking for innovative strategies to decrease their environmental impact while also increasing operational efficiencies and productivity. To support your environmental sustainability goals while keeping your operations running effectively, Zebra offers innovative, environmentally friendly thermal supplies. Our line of environmental sustainability Zebra Certified Supplies enables you to demonstrate your dedication to the environment as a globally responsible corporate citizen, while delivering the performance you have grown to know and depend on from Zebra Certified Supplies.

Achieve your environmental goals

There is a growing demand from consumers and major brand owners for packaging products that contain recycled content and are recyclable, compostable or biodegradable, reducing the use of virgin materials.

The PolyPro 4000D-E is an excellent option for environmentally conscious customers who need to find solutions that contribute to achieving sustainability targets. We offer a direct thermal Polypropylene label material with 30% recycled content that provides a more sustainable solution without compromising on quality.

Print Confident. Print Quality. Print Zebra.

Printing supplies can impact everything from printhead lifespan to operational efficiency. That's why we design, produce and rigorously pre-test our own line of thermal printing supplies to ensure consistent, optimized performance. We utilize an ISO 9001 certified, 23-point inspection process and consistent materials to ensure reliable performance from order-to-order. No matter when you order your labels, you can count on the same consistent performance.

Direct thermal material

The direct thermal white polypropylene is engineered to provide high print quality and durability at an economical price. It is a matte white topcoated thermal imaging polypropylene that can be applied to surfaces as cold as -40°C to 70°C. The adhesive complies with the European food directives and legislations, FDA 175.105 standard for indirect food contact requirements and the German recommendations XXI as published by BfR.

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Specifications

Material Construction	
Raw Material Number	10035956RM
Facestock	Matte white topcoated thermal imaging polypropylene - 70 microns
Adhesive	General purpose rubber based adhesive - 15 microns
Liner	54gsm glassine liner - 47 microns
Total thickness +/-10%	132 microns
Environment	Indoor use; cold temperatures
Temperature Performance	
Minimum Application Temperature	0°C
Service Temperature Range	-40° C to 70° C
Recommended Printers and Settings	
Printers	Any Zebra Thermal Printer
Ribbons	Not applicable - Direct Thermal product

Regulatory and Compliance	
<ul style="list-style-type: none"> BPA free. The adhesive complies with the European food directives and legislations, FDA 175.105 and the German recommendations XXI as published by BfR. 	

Product Performance and Sustainability	
Recommended Storage Conditions	1 year duration when stored at 20° C to 25° C at 40 to 50% RH
Expected Life Span in Application	Indoor use, for up to 1 year
Sample Part Numbers	SAMPLE35956 SAMPLE35956 -D

Material Testing In End Application

The information contained in this document is to be used for guidance only and is not intended for use in setting specifications. All purchasers of Zebra products shall be solely responsible for independently determining if the product conforms to all requirements of their unique application. All products should be pre-tested to ensure they meet all intended requirements of specific end-use applications.

Warranty

Supplies are warranted against defects in workmanship and materials for a period of 1 (one) year from the date of shipment. For the complete warranty statement, please visit: zebra.com/warranty.

Markets and Applications

- Logistics**
 - Labelling of packaging materials e.g. boxes and pallets
- Warehousing**
 - Shipping, picking, and receiving labels
 - Cold Storage Labels
- Manufacturing**
 - Work in Progress labels
- Other**
 - Product identification labels



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