



# Thermal Top S10

## Easy removable

### Facestock

A white woodfree, thermal coated paper with a high sensitivity and resolution, with a top and backside protective coating. The black imaging thermosensitive coating providing very good image stability for long-term storage, high scratch and heat resistance for handling and transportation, capable of replacing thermal transfer.

Raw material	1911003		
Basis weight	79	g/m <sup>2</sup>	ISO 536
Caliper	81	µm	ISO 534
Max. print speed	250	mm/sec	
Image density (typical)	1.35	odu	

### Adhesive

A special purpose ultra removable, rubber based adhesive.

### Liner

BG40 brown, a supercalendered glassine paper.

Basis weight	55	g/m <sup>2</sup>	ISO 536
Caliper	49	µm	ISO 534

### Laminate

Total Caliper	141	µm ±10%	ISO 534
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### Performance Data

Initial Tack	1.5	N/25mm	FTM 9 Glass
Peel Adhesion 90°	7	N/25mm	FTM 2 St.St.
Min. application temp.	-20	°C	
Service temperature	-40° C to 80° C		

### Adhesive Performance

The adhesive type is an ultra removable adhesive for paper face materials and has a relatively low adhesion level which allows easy and clean removal of labels from most substrates. Application to porous substrates such as paper and board or prolonged exposure to UV light may adversely affect clean removability.

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**Application & use**

This Direct Thermal product is designed for use in prescription label applications where long term image stability and resistance to an assortment of chemicals is required. Typical end use applications include prescription label with patient name and dosage information. This product is produced without the use of Bisphenol A (BPA).

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**Conversion & printing**

The product can be converted by all conventional roll conversion technologies including flexographic and UV letter press. However, due to the thermographic properties, exposure above 50°C may cause premature imaging or discoloration. It is advisable to test inks and varnishes before conversion. We generally recommend not to pre-print the label area that needs to be thermally printed.

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**Shelf life**

12 months under storage conditions as defined by FINAT (20-25° C; 40-50% RH).

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## Disclaimer

The performance of the product should always be tested in the actual application conditions. Our recommendations are based on our most current knowledge and experience. As our products are used in conditions beyond our control, we cannot assume any liability for damage caused through their use. Users of our products are solely responsible that the product is suitable for its intended application, and have determined such at their sole discretion. Users must comply with any applicable legislation and/or testing requirements for the finished article, and are responsible for bringing their products to market.

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This publication replaces all previous versions. All information is subject to change without notice.

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