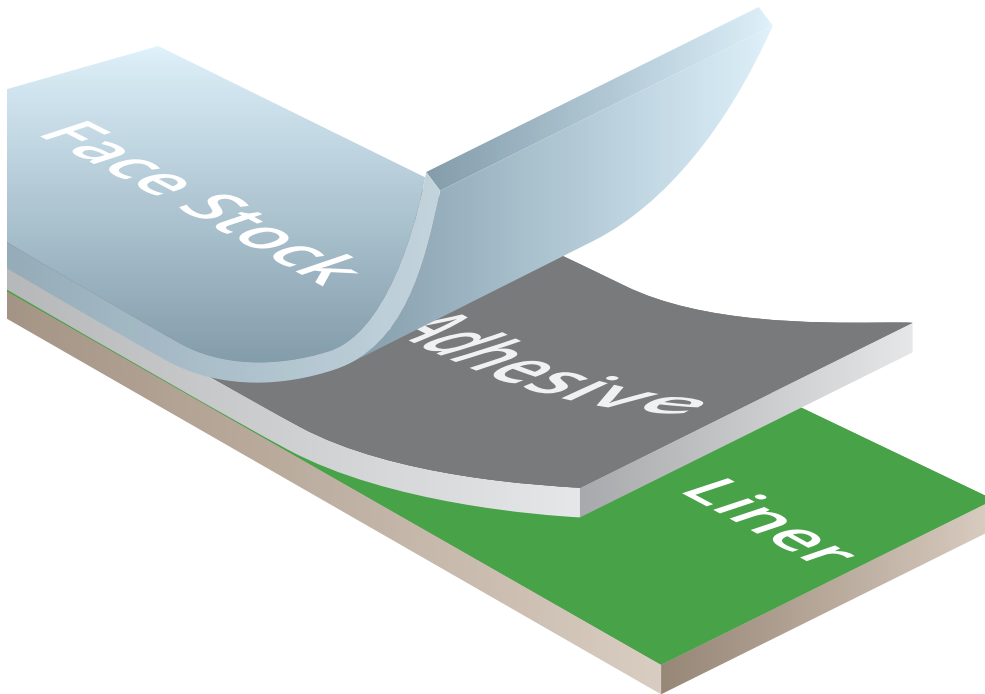


# TT725



**Labels for Life.**



**Face Stock:** 2 mil topcoated semi-satin white polyester offers excellent resistance to chemicals, smudges and abrasion. The material is specifically designed for marking electronic components and the topside of through-hole printed circuit boards. Can be thermal transfer or UV flexographic printed.

**Adhesive:** 0.7-0.8 mil high-performance permanent acrylic adhesive offering excellent chemical abrasion resistance.

**Liner:** 50# kraft liner designed to offer excellent performance for manual application.

## Thermal Transfer Semi-Satin White Polyester Film

TT725 is designed for on-demand thermal transfer printing of variable information. Key features include: indoor and outdoor applications, will not shrink, glare reduction from semi-satin, and excellent smudge, solvent and abrasion resistance. When used in combination with the recommended IDENTCO ribbon, it will meet the most demanding durable labeling requirements. Preheating of the label surface will enhance the performance.

## Typical Applications

Rating plates, nameplates,  
industrial barcodes,  
serial identification and  
electronic components

## Typical Industry Sectors

Automotive  
Electronics  
Industrial



[www.identco.com](http://www.identco.com)

# TT725

## Thermal Transfer Semi-Satin White Polyester Film



Labels for Life.



### Agency Recognitions

100% RoHS Compliant



### Adhesion

Peel adhesion measured at 180 degrees

Stainless Steel	59.6 oz/in	655 N/m	LD Polyethylene	28 oz/in	308 N/m
HD Polyethylene	12.9 oz/in	141.9 N/m	Polypropylene	5.4 oz/in	59.4 N/m
			ABS	62.9 oz/in	691.9 N/m



### Material Caliper

Face Stock	.0020"	50.8 $\mu$	Liner (kraft)	.0030"	76.2 $\mu$
Adhesive	.0007"/.008"	17.8/20.3 $\mu$	Total Material	.0057"/.0058"	144.8/147.3 $\mu$



### Exterior Durability

Material only:	2 years
Material w/ TTRR-D ribbon:	2 years



### Temperature Range

Service Temperature: -40 °F to 300 °F (-40 °C to 149 °C)  
Minimum Application Temperature: 50 °F (10 °C)



### Shelf Life

Recommended Storage: 45-90 °F (7-32 °C) 20-75%R.H.  
Shelf Life: 1 years @ recommended storage



### Recommended Printing

Thermal Transfer Printable.  
Recommended Ribbons: TTRR-D, TTRR-V



### Chemical Resistance

Tests should be conducted at room temperature after 24-hour dwell on stainless steel panels. Testing should consist of 4-hour immrsions in specied reagent.

**Chemical Agent**  
Household Cleaners  
Oil  
Water  
Isopropyl Alcohol  
Brake Fluid  
Gasoline

**Material Only**  
No effect  
No effect  
No effect  
No effect  
No effect  
No effect



### Process Durability

It is recommended that customers test the material in actual application to determine if the material meets all requirements.

Note: All values shown are averages and should not be used for specification purposes. Test data and test results contained in this document are for general information only and shall not be relied upon by IDENTCO customers for designs and specifications, or be relied on as meeting specific performance criteria. Customers desiring to develop specifications or performance criteria for specific product applications should contact IDENTCO for further information. Revised 06/27/18.

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