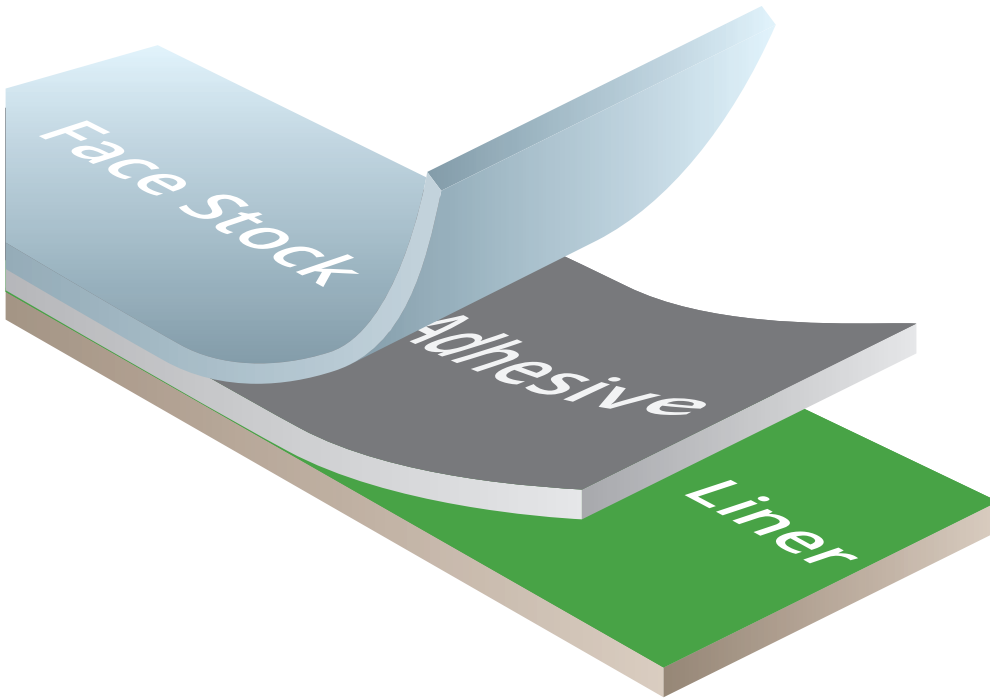


TT404



Labels for Life.



Face Stock: 2.7 mil topcoated gloss white polyimide offers excellent chemical resistance combined with superior resistance to high heat and scratching. The material is specifically designed to not shrink and to withstand through-hole and surface mount circuit board processes.

Adhesive: 2 mil high performance permanent acrylic adhesive offering excellent harsh chemical and high temperature resistance.

Release Liner: 55# glassine liner designed to offer excellent performance for manual application.

Thermal Transfer Gloss White Polyimide Film

TT404 is designed for thermal transfer printing of variable information for circuit board labeling. This high performance label withstands multiple passes through inline and batch cleaning processes; as well as very good resistance to most fluxes. TT404 performs well through most lead and lead-free reflow processes.

Typical Applications

Electronic component marking
industrial barcodes
Top and bottom sides of
circuit boards.

Typical Industry Sectors

Automotive
Electronics
Industrial



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TT404

Thermal Transfer Gloss White Polyimide Film



Labels for Life.

Agency Recognitions
 100% RoHS Compliant
 MIL-STD-202G, Notice 12, Method 215K
 MIL-STD-883E, Notice 4, Method 2015.13

Adhesion
Stainless Steel
 20 minute dwell 44 oz/in 480 N/m
 24 hour dwell 82 oz/in 900 N/m

Material Caliper

Face Stock	.0027"	68.6µ	Liner(glassine)	.0031"	78.7µ
Adhesive	.0020"	50.8µ	Total Material	.0078"	198.1µ

Exterior Durability
 Recommended: Indoor use only

Temperature Range
 Service Temperature: -40 °F to 500 °F (-40 °C to 260 °C)
 Minimum Application Temperature: 50 °F (10 °C)

Shelf Life
 Recommended Storage: 45-90 °F (7-32 °C) 20-75% R.H.
 Shelf Life: 2 years @ recommended storage

Recommended Ribbons
 TTRR-B TTRR-D
 TTRR-S TTRR-V

Chemical Resistance
 Samples subjected to 3 cycles of three minute immersions followed by a toothbrush rub after each immersion.

Chemical Reagent	Results
1 part IPA, 3 part Mineral Spirits	No visual effect
-1, 1, 1- Trichloroethane	Deleted per Notice 12
Terpene Defluxer	No visible effect
Saponifier	No visible effect

Process Durability

Process Test Method	PCS Read	Rate
Kyzen Corp. Aquanox SSA 30% aqueous, 40-45 °C, 10 minutes	100%	99%
Re-Entry KNI 2000 Terpene, 40-45 °C, 10 minutes	98%	100%
Alpha Metals Inc. EC-7R Terpene, 40-45 °C, 10 minutes	98%	100%
Alpha Metals Inc. 2110 Saponifer, 6% aqueous, 65-70 °C, 10 minutes	97%	100%
Isopropanol 99%, 82 °C, 10 minutes	99%	100%
Deionized Water, 100 °C, 10 minutes	99%	100%

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 7/18/2017.

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