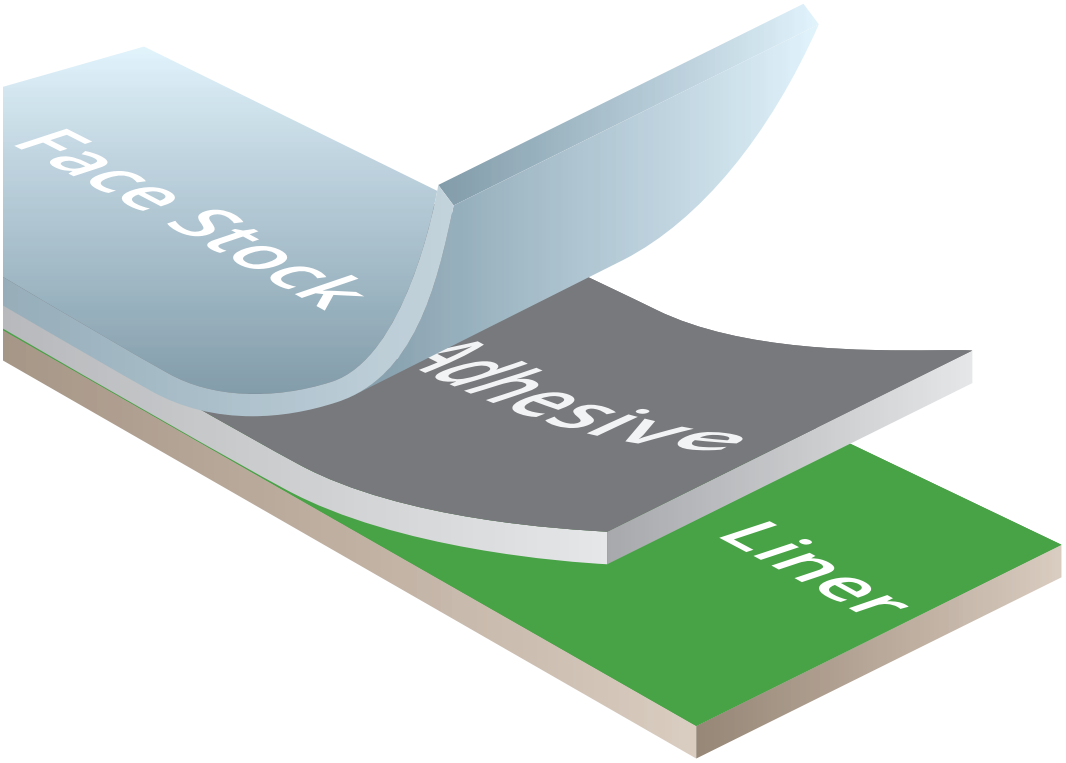
TT327

IDENTCO®

Labels for Life.



Face Stock: 3.5 mil matte clear vinyl offers excellent resistance to moisture. The material is highly conformable and is used for self-laminating wire and cable identification labels.

Adhesive: 0.9 mil high performance permanent acrylic adhesive offering excellent flexibility and resistance to moisture.

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

Matte Clear Vinyl Film

TT327 is a highly conformable vinyl with excellent durability designed for use in self-laminating wire and cable identification labels. When used in combination with the recommended IDENTCO thermal transfer ribbon and the self-laminating feature this material provides a highly durable wire and cable marker, with excellent legend permanence. This material has been tested at an independent testing facility to the automotive flame specification FMVSS 302. In both wrapping and flagging application on small diameter PVC coated wire, this material passed the FMVSS 302 test.

Typical Applications

Self-laminating wire

and cable marking

Typical Industry Sectors

Automotive

Electronics

Industrial

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Agency Recognitions

UL-MH16873

Adhesion

Stainless Steel	20 minutes	27oz/in	297 N/m
	24 hour	58.3 oz/in	641.3 N/m
Polypropylene	20 minutes	22.5 oz/in	247.5 N/m
	24 hour	64.6 oz/in	710.6 N/m

Material Caliper

Face Stock	.0035"	88.9µ	Liner (kraft)	.0031"	78.7µ
Adhesive	.0009"	22.9µ	Total Material	.0075"	190.5µ

Exterior Durability

Weatherability: 31 days (750 hours) per ASTM G155 in Xenon lamp chamber with daylight filters at 120-minute cycles consisting of 102 minutes of light exposure and 18 minutes exposure to water spray and light, with no visible effect.

Temperature Range

Service Temperature: -94˚F to 158˚F (-70˚C to 70˚C) with no effect.
Moderate discoloration of material at 212'F (100'C), with no effect on material performance or legibility.
Minimum Application Temperature: 50˚F (10˚C)
Humidity Resistance: 30 days at 100˚F (38˚C) 95% RH

Shelf Life

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

Recommended Ribbons

TTRR-A thermal transfer ribbon

Chemical Resistance

Labels wrapped on 0.08" diameter wires -- testing consists of 5 cycles: 10 minute immersion followed by 30 minute recovery.
Chemicals: Deionized water, IPS (70%), mineral spirits, brake fluid, motor oil (10W/40)
Results: No discoloration or unwrap of the label.

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 03/18/21

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