

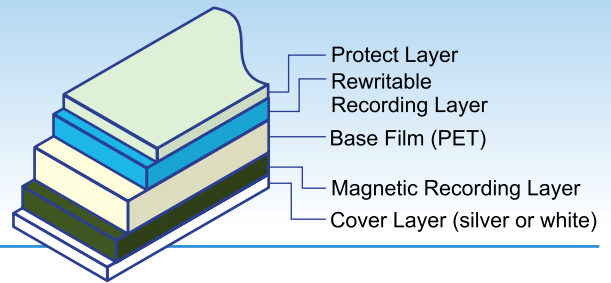
Thermo Rewrite

The rewritable thermal recording material

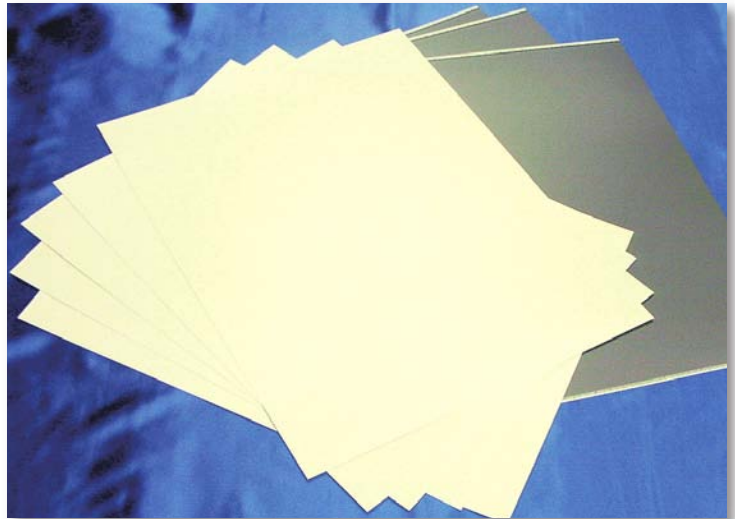


Product Lineup

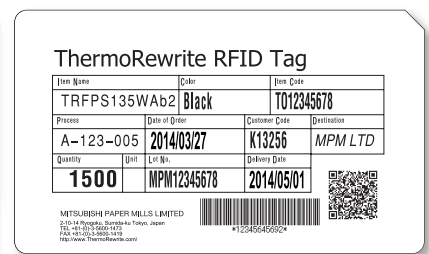
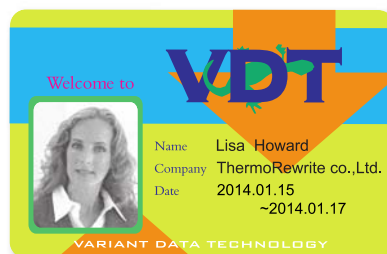
TRCG Series



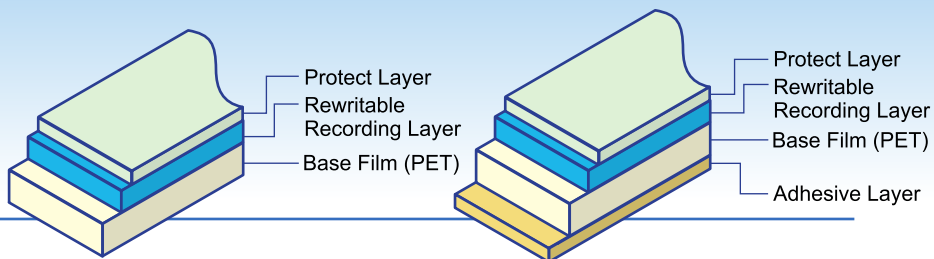
The TRCG series is a sheet-type product for magnetic PET cards. The ThermoRewrite layer is located on one side, while the magnetic recording layer is located on the other side. This type of product is mainly used for membership and loyalty cards. All products are cut in sheet format. A PET film 188 or 250µm thick is used as the base film. Content and design can be printed on the rewritable printing side with heat-resistant UV inks.



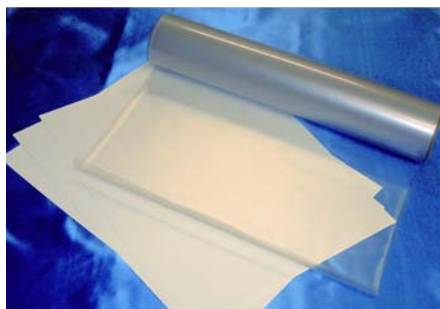
Product name	Image color	Cover layer	Caliper of base film	Caliper of product	Erasing device
TRCG99SS	Blue	Silver	188µm	220µm	Thermal head
TRCG99SH		White			
TRCG99BS	Black	Silver	250µm	280µm	Erasing head
TRCGAACS	Blue	Silver			
TRCGAACH		White			
TRCGB3BS	Black	Silver			
TRCGB3BH		White			



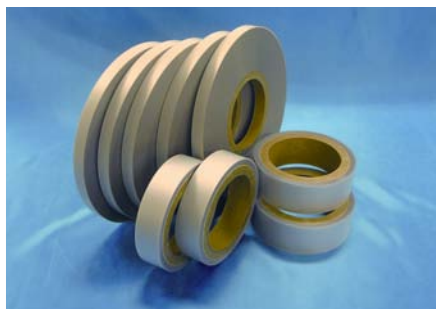
TRF Series



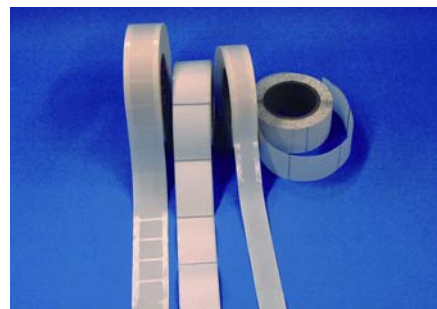
The TRF series is a film-type product. The ThermoRewrite layer is coated on a thin PET film. This product is used mainly for plastic cards, which are usually manufactured by a lamination process. Roll, Sheet, Tape, and Label formats are available. TRF film can be combined with other technologies such as contactless IC chips, magnetic stripes, and holograms.



Roll/Sheet



Tape

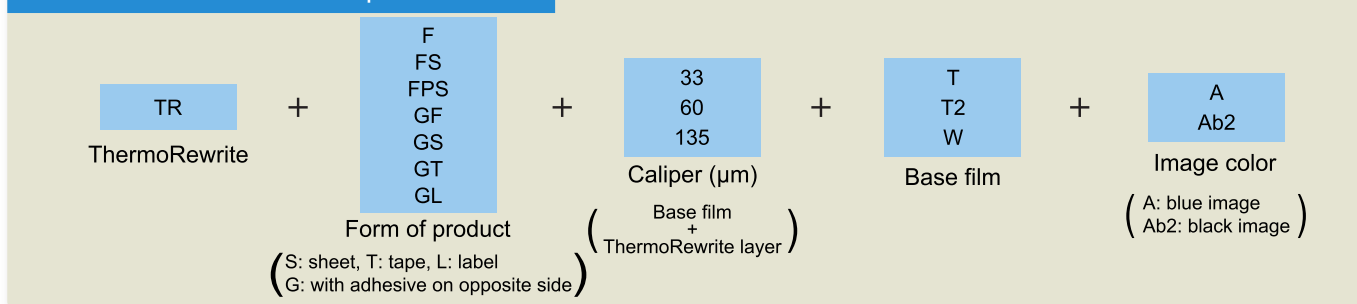


Label

Product name		Base film	Caliper of base film	Descriptions
Blue image	Black image			
TRF33TA	TRF33TA _{b2}	Transparent PET * (standard film)	23μm	Roll
TRGF33TA	TRGF33TA _{b2}			Roll, hot melt adhesive
TRGS33TA	TRGS33TA _{b2}			Sheet, hot melt adhesive
TRGT33TA	TRGT33TA _{b2}			Tape, hot melt adhesive
TRGL60TA	TRGL60TA _{b2}			Label (Sticker)
TRF33T2A	TRF33T2A _{b2}	Transparent PET * (special film)	25μm	Roll
TRGF33T2A	TRGF33T2A _{b2}			Roll, hot melt adhesive
TRGS33T2A	TRGS33T2A _{b2}			Sheet, hot melt adhesive
TRGT33T2A	TRGT33T2A _{b2}			Tape, hot melt adhesive
TRF135WA	TRF135WA _{b2}	White PET	125μm	Roll
TRFS135WA	TRFS135WA _{b2}			Sheet
TRFPS135WA	TRFPS135WA _{b2}			Sheet with counter PET
-	TRFS135WE _b	White PET	125μm	Sheet, high speed type

* Two kinds of base film are available. Please choose the suitable one for your manufacturing process.

TRF Series - Definition of product name



Advantages

ThermoRewrite is a rewritable thermal recording material that can be printed and erased several hundred times by heat application.

● High contrast and high resolution

- ThermoRewrite can express clear images with high contrast and in high resolution. It is excellent for printing not only text but also photo images and barcodes/QR codes.

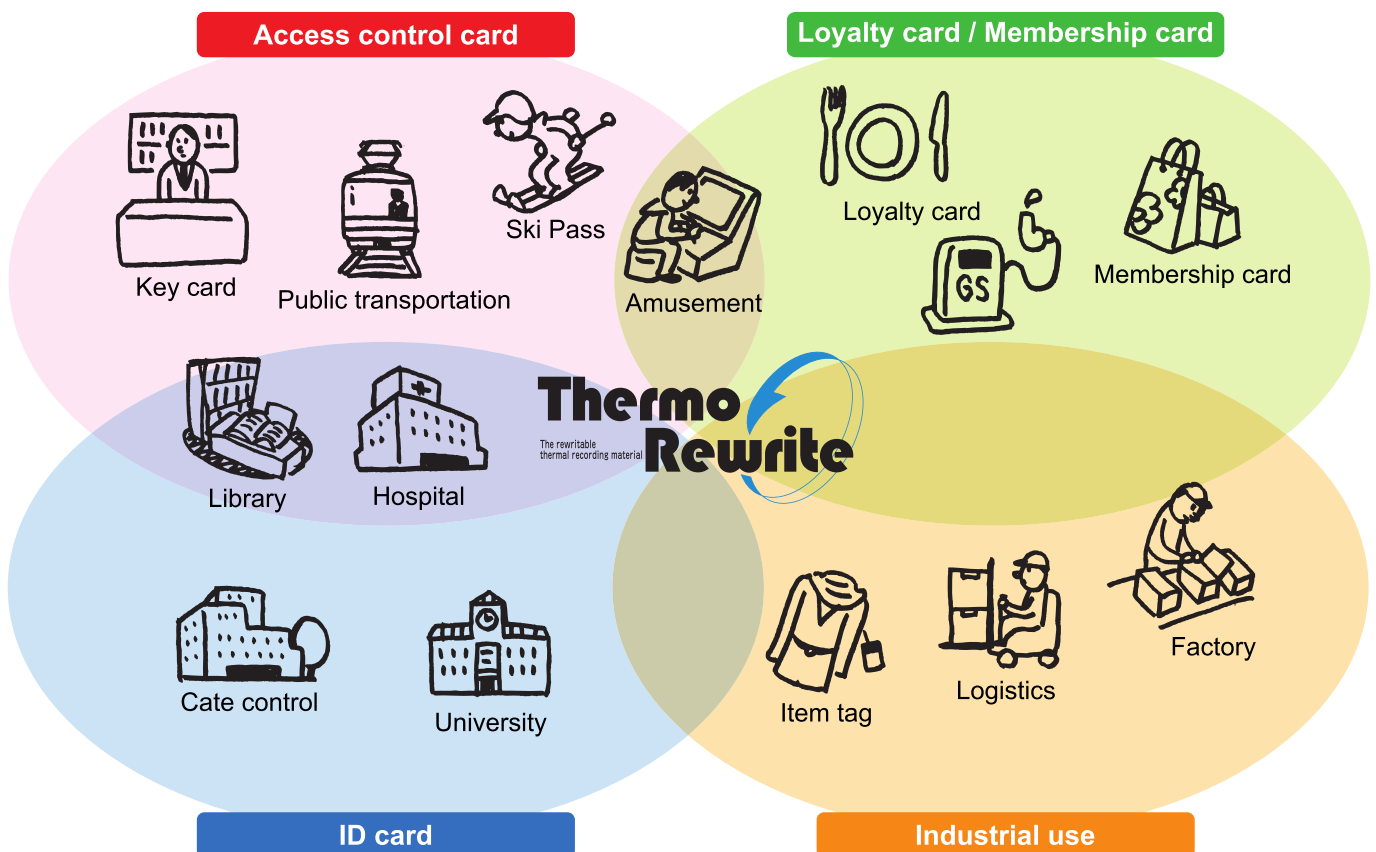
● Wide range of products

- The color of the print image can be selected as either black or blue.
- The TRF series allows you to make thick plastic cards with rewritable feature.
- The TRCG series allows you to make thin magnetic cards.

● Combination with RFID

- Visualization of the digital information of IC tags is especially helpful for ensuring good readability for the operator, and as a kind of backup for the information in an IC chip.
- The reusable feature of ThermoRewrite and IC tags can enable cost savings and reduction of industrial waste.

Applications



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