

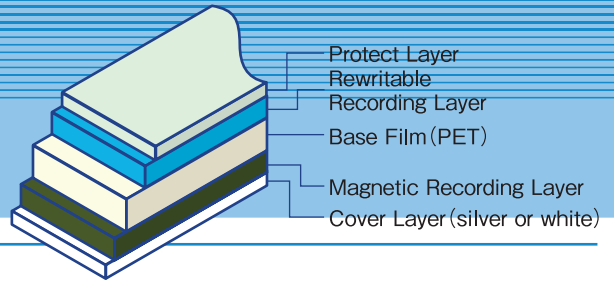
Thermo Rewrite

The rewritable thermal recording material

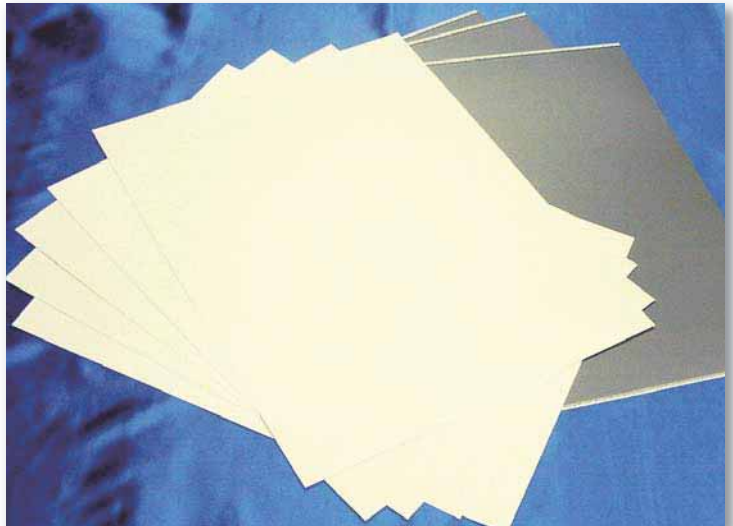


Product Lineup

TRCG Series

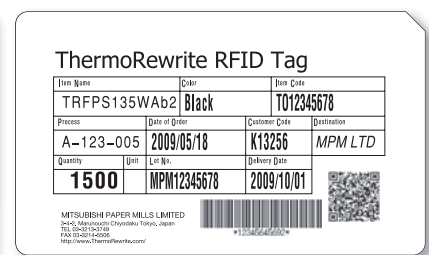
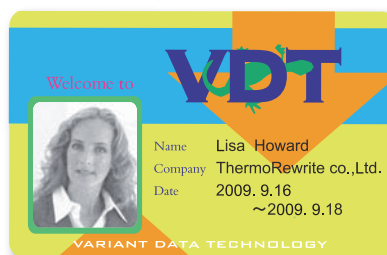


This is sheet type product for magnetic PET card with rewritable feature. This type of product is mainly used for membership card and loyalty card (point card). Magnetic recording layer is located on the opposite side of ThermoRewrite layer. Base film is PET film of 188 or 250 micron meter thickness. UV offset printing on the both surface is used for the card design.

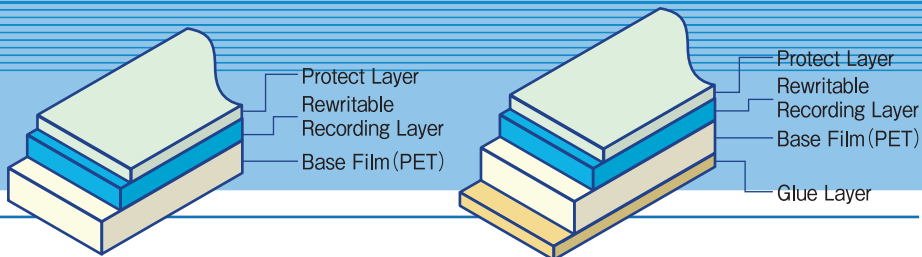


Product name	Image color	Cover layer	Caliper of base film	Caliper of product	Erasing device
TRCG99SS	Blue	Silver	188 μ m	220 μ m	Thermal head
TRCG99SH		White			
TRCG99BS	Black	Silver			
TRCGAACS	Blue	Silver	250 μ m	280 μ m	Erasing head
TRCGAACH		White			
TRCGB3BS	Black	Silver			
TRCGB3BH		White			

※These specifications are subject to change without notice.



TRF Series



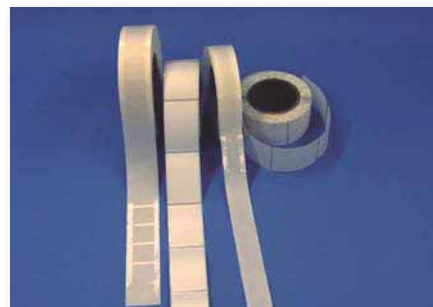
ThermoRewrite layer is coated on PET film without magnetic recording layer. TRF series is mainly used for plastic cards which are usually manufactured by lamination process. ThermoRewrite film can be used not only in card application but also in RFID tag application, label and so on. You can choose image color, caliper of the film, with glue or not, form of products – roll, sheet, tape, label. And for the purpose of reduction of card bending, TRF with anti-curl PET and counter PET set are available.



Roll/Sheet



Tape

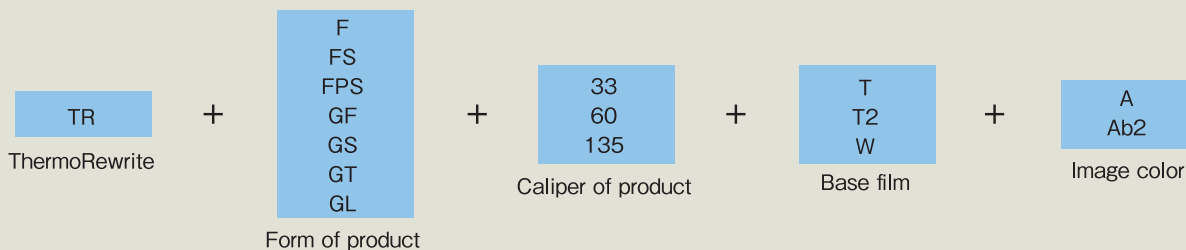


Label

Product name		Base film	Caliper of base film	Form of product	Glue
Blue image	Black image				
TRF33TA	TRF33TAb2	Transparent PET	23μm 50μm	Roll	
TRGF33TA	TRGF33TAb2			Roll	✓
TRGS33TA	TRGS33TAb2			Sheet	✓
TRGT33TA	TRGT33TAb2			Tape	✓
TRGL60TA	TRGL60TAb2			Label	✓
TRF33T2A	TRF33T2Ab2	Transparent PET (for anti-curl)	25μm	Roll	
TRGF33T2A	TRGF33T2Ab2			Roll	✓
TRGS33T2A	TRGS33T2Ab2			Sheet	✓
TRGT33T2A	TRGT33T2Ab2			Tape	✓
TRF135WA	TRF135WAb2	White PET	50μm 75μm 125μm	Roll	
TRFS135WA	TRFS135WAb2			Sheet	
TRFPS135WA	TRFPS135WAb2			Sheet with counter PET	
TRGL60WA	TRGL60WAb2			Label	✓

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TRF Series – Definition of product name



Advantages

ThermoRewrite is a rewritable thermal recording material that uses the reaction between Leuco dye and a specially designed developer to print an image. Using this technology, the visual information can be renewed repeatedly providing great convenience and flexibility for many applications.

● High contrast and high resolution

ThermoRewrite is good for not only text printing but also photo images and barcode printing. This feature is a big advantage when printing text with small characters and showing rich visual information. The material with black image and blue image are available.

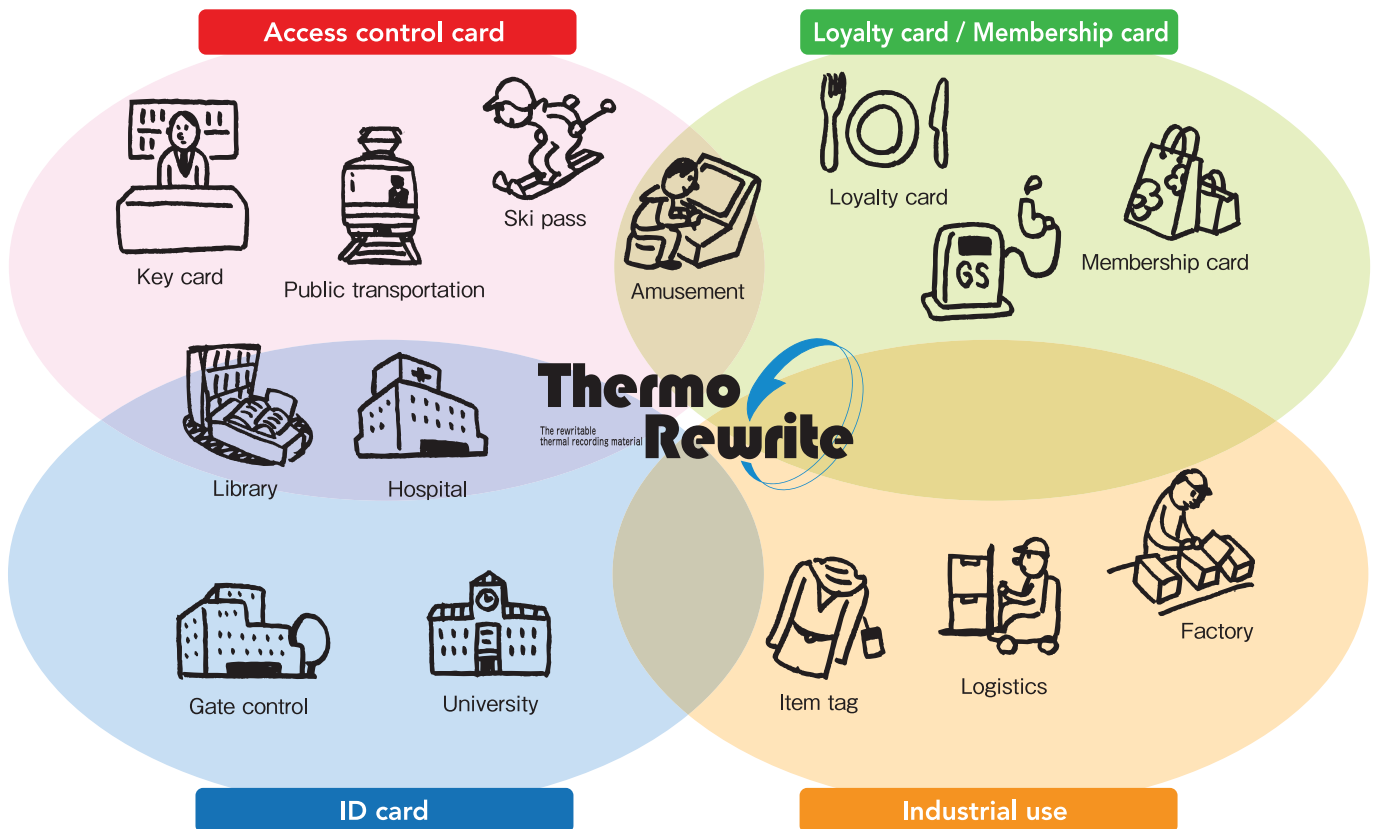
● Wide range of products

We can offer the wide range of products applicable to the various hardware and applications. TRCG series allows you to make magnetic cards with advanced design on both side. In addition to the magnetic stripe card and IC card application, TRF series is applicable for display function of IC tag and reusable sheets for documents.

● Combination with RFID

Visualization of digital information of IC tag is remarkably helpful for cooperating with usual bar-code system, readability for operator and a kind of back-up for the information in a IC chip. Reusable feature of ThermoRewrite and IC tag could help reduction of cost and industrial waste.

Applications



MITSUBISHI PAPER MILLS LIMITED
Rewritable Media Group