

PRODUCTS

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Thermal Paper Products

A reputation for innovation

Nakagawa was the first company in Japan to put thermal paper developed by the National Aeronautics and Space Administration (NASA) into practical use as facsimile paper. We are a pioneer in the processing of specialty papers such as graphic recording paper, facsimile paper rolls, and mini-printer rolls. We strive to leverage our wide-ranging expertise to help our customers meet their own goals.



What is thermal paper?

Thermal paper is a copy paper coated with a colorless formula that will develop an image with the application of heat. When passing through an imaging device, precise measures of heat applied by the print head cause a reaction that creates a strong dark image on the paper. The benefits of thermal printing technology include clear legible imaging, fast printing, quiet operation, reliability, and low cost of ownership. Of course, no ribbons or cartridges are required.

Do images on thermal paper fade or disappear?

Thermal papers are designed for specific applications. Some products are formulated for long image life (such as warranty information or credit balance), and others are designed to offer an economical product and shorter duration use (such as Point of Sale). Please contact Nakagawa for more information about thermal paper, and which products best meet your needs.

Thermal Paper Product List

Product Name	Sensitivity	Core ID Size	Max OD	Width	Length	RL/Case	BX WT (lb)
NAP-0038-006	High	1/2"	1 1/8"	1 1/2"	20ft	100	5
NAP-0038-007CL	High	Coreless 1/2"	N/A	1 1/2"	23ft	1000	40
NAP-0038-009	High	1/2"	1 3/16"	1 1/2"	30ft.	100	5
NAP-0038-009CL	High	Coreless 1/2"	N/A	1 1/2"	30ft	500	26
NAP-0038-015	High	1/2"	1 1/2"	1 1/2"	49ft	100	7
NAP-0058-006CL	High	Coreless 1/2"	1"	2 5/16"	20ft	100	6
NAP-0058-015	High	1/2"	1 1/2"	2 5/16"	49ft	100	13
NAP-0058-025	High	1/2"	2"	2 5/16"	82ft	100	21
NAP-0058-025S	Ultra High	1/2"	2"	2 5/16"	82ft	100	22
NAP-0060-025S	Ultra High	1/2"	2"	2 7/16"	82ft	100	22
NAP-0080-020CL	High	Coreless 1/2"	1 3/4"	3 1/8"	66ft	100	23
NAP-0080-025	High	1/2"	2"	3 1/8"	82ft	100	30
NAP-0080-025S	Ultra High	1/2"	2"	3 1/8"	82ft	100	30
NAP-0080-RPOS	Normal	1/2"	3"	3 1/8"	220ft	50	34
NAP-0080-100S	Ultra High	1/2"	3 1/2"	3 1/8"	328ft	20	21
NAP-0112-025	High	1/2"	2"	4 3/8"	82ft	50	21

NAP-0112-025S	Ultra High	1/2"	2"	4 3/8"	82ft	50	21
NAP-0112-100S	Ultra High	1/2"	3 1/2"	4 3/8"	328ft	20	30
NAL-0060-030A	High	1/2"	3 3/16"	2 7/16"	98ft	48	31
NAL-0060-030B	High	1/2"	3 1/8"	2 7/16"	98ft	48	31
2PLY Carbonless	N/A	1/2"	3 1/8"	3"	100ft	50	32

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Customized Products

In addition to a complete line of standard products, Nakagawa supplies many customized products to meet your special needs. Customers have come to expect from us innovative solutions, and you can be assured that Nakagawa will work with you side-by-side to find the best solution to your thermal paper requirements. Whether you need thermal paper for POS receipt terminals, ATM machines, gaming terminals, or any other printer applications, consult with us first.

When we analyze customers' needs and requirements, we always consider which base paper or materials would be best suited for the job, and what would be the optimal solution for processing, printing, and finishing. Customers have come to expect innovative responses to their development needs. Our products include:

Custom Printing – POS Receipts

- Available in a variety of paper grades
- Print up to six colors, including full-color process
- Screen, watermark, and edge leader printing
- Accurate Pantone color matching
- Artwork and design assistance available as needed



Custom Printing – Tickets & Coupons

- Ultra high sensitive thermal ticket stocks
- Excellent environmental stability



Custom Color Pre-Printing

- Available in a variety of paper grades
- Screen, watermark and edge leader printing
- Print up to six colors, including full-color process

Z-Fold Products

- Thermal, bond & inkjet: OEM authorized supplier for medical & industrial applications
- Custom Preprinting: highest accuracy channel printing
- Additional Options: perforation – dual direction, punching/tractor feed



Fax Paper

- Ultra sensitive direct thermal paper
- Custom packaging for brands and retailers



Custom Thermal Labels & Tags

- Converting options include: sensor mark or sensor hole, liner crack & peel, perforations, and custom pre-printing
- A variety of thermal label stocks that vary in caliper, sensitivity, and type of adhesive



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Inkjet Products

Inkjet paper can be broadly divided into two categories, Matte coated and Glossy. Nakagawa Manufacturing (USA), Inc. can supply a variety of inject products in both categories.



Nakagawa Matte coated papers offer:

- Fast drying capability
- Symmetric dot spread
- Use for dye-based and pigmented inkjet products
- Smear resistance
- Vibrant colors

Nakagawa Clear Cut Multi business cards offer:

- Best print performance in Matte and Glossy
- Two-side printing
- Rigid sheet with high stability
- Clear cut edges
- Curl-free peel off

Nakagawa Matte and Glossy CD-labels offer:

- Best print performance