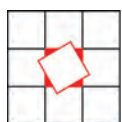




**Always Seeking Eco-friendly,
Higher Quality Solutions**



DAIKI

Development of environmentally friendly and high-quality cat litter. DAIKI is constantly aiming to achieve its objectives.

DAIKI is a leading manufacturer of "paper cat litter," essential toiletries for raising cats. As an OEM and ODM company covering the development and manufacturing of products outsourced from our client companies, DAIKI boasts a share of domestic production exceeding 40%. Manufacturing cat litter from "recycled materials" also contributes to the efficient use of resources. We take an environmentally friendly approach to the manufacturing of products for a more comfortable life with cats. DAIKI is in constant pursuit of achieving its goal of "both eco-friendly and quality" products.

Constantly striving to ensure both values



Given that environmental consciousness is such an important factor today, does even "cat litter" need to be eco-friendly?

Efforts are currently being made around the world to address global warming and toward energy and resource saving. "Cat litter" is an essential supply when keeping cats—while products made with clay-type materials have been mainstream in the past, cat litter made with paper is drawing increased attention from an environmentally conscious perspective. We have developed a proprietary eco-system capable of producing cat litter using paper materials that had been disposed of as waste in the past. DAIKI delivers superior eco-friendly products without compromising on quality.

About DAIKI

DAIKI was founded in 1984 as a Japanese manufacturer of paper cat litter. Over the past four decades since our founding, we have supplied OEM products to a wide range of leading Japanese retailers and key Japanese vendors of cat litter. As the leading company in the paper cat litter segment that is expected to grow in demand globally into the future, we are continuing our research and development efforts with the aim of creating products with even better quality and lower environmental impact.

<p>Over 40 years fine-tuned Technology and Know-how</p>	<p>Over 40% share Japanese domestic paper cat litter market</p>	<p>ISO9001: 2015 Acquired international quality management standards certification</p>
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Corporate Philosophy

People-friendly, pet-friendly, eco-friendly

Contributing to a circular society through the efficient use of finite resources, with a balance between human and natural environments. This gives each and every DAIKI employee a sense of happiness in everything they do.

As an OEM and ODM company, DAIKI delivers proven quality with products that meet customer requirements.

DAIKI products are sold under the brands of our client companies. Based on consistent efforts with research and development, we provide customers with products specifications designed with the functions and quality that meet their specific requirements. With a production system capable of reliably supplying products in line with changes in demand, we aim to deliver products with the optimum timing. As an expert in paper cat litter, DAIKI also develops its own products that cater to the needs of pet owners who use cat litter, and proposes these products to customers.



Research and development for achieving more superior products

Since being founded, DAIKI has focused efforts on research and development as an expert in paper cat litter, in order to manufacture products that consistently meet the needs of customers. To this end, we have acquired numerous patents in Japan and overseas. In 2022, the "R&D Center" was established at the Moka Factory to further enhance research and development capabilities. Efforts are being made to boost these capabilities with the aim of further improving quality, developing new products and expanding overseas.



DAIKI's manufacturing process

Product Planning

Based on the customer's request, products are designed and proposed with specifications that meet needs.



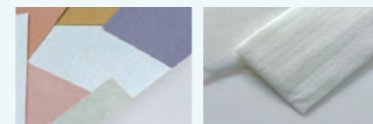
Manufacturing

Unloading materials (losses/rejected in production)

The losses and rejected paper materials are carried into our factories.



Disposable diapers Rejected paper waste



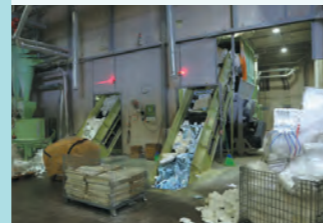
Wallpaper Non-woven fabric

Owing to the kind of materials varies depending on the deliveries, we always adjust those usages.



Crushing

Delivered materials are crushed and pulverized in order for the next progress to form the cores.



All the material is checked visually by workers.



Pelletizing

Material crushed is formed into pellets to create the core of paper cat litter.



The size of pellets varies depending on the brand of client company, and adjusted to meet customer requirements.

Coating

The cores are covered by coating materials. It provides the basic functions "Absorbing/Clumping" and the extra such as "Turning into blue or another," which are designed to suit product specifications.

Drying

Filling and Packing

After drying completely, cat litters are filled into clients' own packages and then packing. The products are stored properly until delivered.



5S is implemented at warehouses.

Shipping

DAIKI has acquired the international quality management standards certification ISO9001:2015.

Producing cat litter helps reduce industrial waste and facilitates material recycling.

The key characteristic of our products is that they are made with recycled materials such as non-compliant items during production processes, rejected lot hygiene products like disposable diapers, wallpaper, and pulp-based non-woven fabric. Using these effectively as materials helps to reduce environmental impact and increase product quality—the essential aspects of DAIKI's business model.

Eco-friendly products made with recycled materials

DAIKI paper cat litter is made from four key losses and rejected materials: Disposable diapers, rejected waste, wallpaper, and non-woven fabric. Those are generally disposed and this is why our cat litter is a truly "upcycled" product.

Super Absorbent Polymers of disposable diapers are reused



Paper cat litter

Various types of materials are crushed finely. It is then formed into pellets, and coated. The pellets are then dried to form paper cat litter.
* See the page on the left for details of the manufacturing process.



Disposable diapers
(rejected or losses in production)

Non-compliant industrial waste sourced from within the DAIO Group and other paper manufacturers.



Rejected paper waste

Rejected paper waste generated during the production of paper-based products that is difficult to recycle as paper.



Wallpaper

Wallpaper that is normally discarded, including offcuts and waste losses left over when cutting wallpaper during the production process.



Pulp-based non-woven fabric

Offcuts left over when manufacturing "pulp-based non-woven fabric" made by spraying adhesive to pulp and allowing to dry.

These materials sourced from DAIO Group subsidiary and partner companies in Japan and overseas

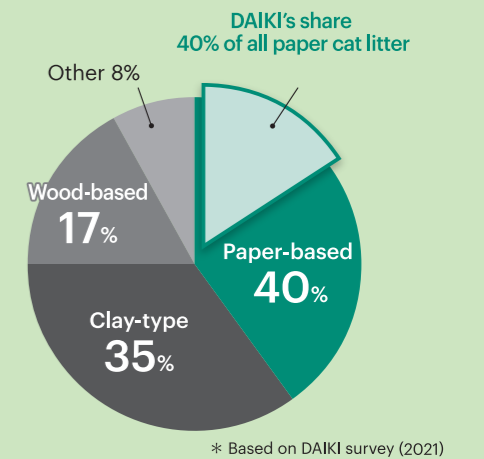
"Paper cat litter" offers many advantages and will become mainstream

Paper cat litter offers many advantages harnessing the characteristics of paper, and is gradually becoming mainstream as a substitute for clay-type cat litter. Offering unique characteristics based on recycled materials, DAIKI products have around 40% share of the paper cat litter market in Japan.

Characteristics of Japanese paper cat litter

<p>Lightweight</p> <p>Paper cat litter is around half the weight of clay-type cat litter for the same volume.</p>	<p>Easy to dispose of</p> <p>More than 90% of paper cat litter is made of recycled pulp, meaning it can be incinerated.</p>	<p>Powerful Odor Control</p> <p>Coating ensures a continuous odor control and keep clean air in litter boxes.</p>
<p>Resource saving</p> <p>Made with paper that had been disposed of in the past, thereby contributing to effective use of resources.</p>	<p>White</p> <p>The main material is white, giving it a refreshing white look. This provides a sense of cleanliness and makes it easier to check for urination.</p>	

Share by material of cat litter in Japan



Other features of DAIKI products

40% weight than clay-type cat litter
(for the same volume)

Use of 98% recycled materials

98% dust free
(dust ratio is 0.4% per bag weight)

Extensive range of customization options

We can provide various options, from product specifications to packaging.

Clumping/ Non-clumping

Optional functions available to clump when reacting with urine, or remain as non-clumping even when subjected to urine.

Better odor control, clumping capability

Odor control and clumping capabilities of paper cat litter can be enhanced further.

Additional color change function

The addition of a function, turning into blue when getting wet with urine, makes easier to find the clumps.

Additional pH reaction function

A function can be added that changes color when the pH value of urine exceeds a certain level. White pellets can also be mixed in.

Pellet customization

The size of pellets can be selected from a number of available variations.

Packaging customization

Packaging can be customized as well; the volume per bag and the quantity of bags per carton.

Please feel free to contact us regarding OEM/ODM production.

DAIKI, a group company of Japan's leading paper manufacturer, DAIO Paper Corporation.

DAIKI is one of the core group members of DAIO Paper Corporation, one of Japan's leading paper manufacturers. DAIO Paper produces and sells toilet paper, disposable diapers and other paper products on a global scale, with ten bases located in nine countries overseas, including China, Brazil and Thailand. The "elleair" brand has the leading share of the Japanese tissue paper market.



About DAIO Paper and the DAIO Group

DAIO Paper Corporation

(Tokyo Stock Exchange "Prime Market" [Securities code 3880])

Established	1943
Group net sales	646.2 billion yen (FY2023)
Group employees	12,634 (FY2023)
Group companies	23 bases in Japan 10 bases overseas (China, South Korea, Thailand, Vietnam, Indonesia (two companies), U.S.A., Brazil, Chile, Turkey)



Products manufactured at two factories in Japan are exported around the world from numerous ports including Tokyo Port and Kobe Port.



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Industrial waste disposal facility permit number: 142-2



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To maximize DAIKI's expertise in development and technical capabilities, patents have been applied and acquired, not only in Japan but also around the world.

Scan code for list of registered and pending patents



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