

# MITE-PROOF (MITE-NOT) DANI-NOT



## Know mites

Mites are not insects but are members of spiders and scorpions. The head, chest, and belly are one body and become the body part, and the mouth jaw body part is held in front of the body part. Types that inhabit indoors are collectively referred to as indoor dust mites of euroglyhus. Among them, the cause of allergy is the dust mites.

## Ecology of mites, type, harm

Name (mite)	Ecology	Photo
Dust mite	There are many in comforters, mattresses and pillows. When a major outbreak occurs, this tick body, dead body and feces cause allergic diseases. However, it does not stab a person. It grows by eating people's dandruff, dirt, other organic matter. It prefers high temperature and high humidity with a temperature of 20 to 30 degrees and a humidity of 60 to 80%.	
Acarid mite	It is a mite growing in the rainy season and the autumn mouth. It likes high temperature and high humidity. Breeding power is very high. It occurs in a wide range of foods(Sugar, dried fruit, miso, flour, cheese, chocolate) and medicines, tatami.	
Cheyletidae	It is a mite growing in the rainy season and the autumn mouth. Especially from August to September it will suffer severe damage. Dust mites and acarid mites, and increasing number of ticks to feed will increase the occurrence of cheyletidae. Although it does not suck blood, it is one of the main cause of biting biting because it sucks body fluid by stabbing a person by mistake.	
House dust mite	It occurs from May to September and It parasitizes mice and birds. It is a blood sucking tick. When the mouse of the host dies or when there is a large occurrence of mites inside the mouse's nest, it moves and takes blood from a person.	

## Mite-proof pad (Type with built-in nonwoven fabric)

### ダニnot® mite not



### 1. History of development

There are countless ticks in the house. Bedding that touches for a long time, futon etc adhere a lot of dandruff and dirt, which will become mite feed. And as temperature and humidity increase, it becomes a hotbed of mites. Frequency of laundry is low, drying of futon, can not eradicate even using dryer. Mite eat food and shit. Mite body, carcasses, feces and the like become causal substances of allergic diseases, which affects physical disorders such as dermatitis, asthma, cough. There are tens of thousands to hundreds of thousands of ticks living in futons that have been used for many years, is not it? In order to create a comfortable space, we developed 「a mite-proof pad」 which is hard for people to live for and is friendly to people.

### 2. Features

1. It has excellent mite repellent effect.
2. It is highly safe ingredients that can be used for the human body.
3. Even with washing durability 10 times, the effect of more than 80% will continue.
4. It is commercialized by a manufacturing method that ingredients do not touch the skin directly.

### 3. Test method

Japanese Industrial Standards  
「Test method for mite-proof property of textile products」  
JIS L 1920 Glass tube method

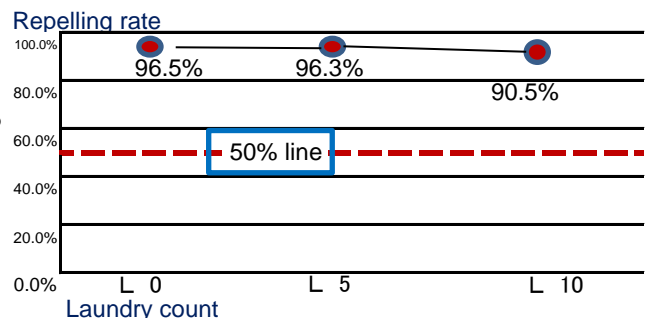
☆Generally it is JIS standard mite-proof test method conducted with futon cotton.

In compliance with this standard, a efficacy test was conducted with a pad finished product.

### 4. Test results

Number of times of washing and mite repelling rate

Specimen	Number of mites that crawled up					total	average	Repelling rate
	1	2	3	4	5			
Blank pad	2,099	2,047	1,043	1,110	1,152	7,451	1490.2	-
Laundry 0	59	74	49	45	31	258	51.6	96.5%
Laundry 5	72	44	67	49	45	277	55.4	96.3%
Laundry 10	147	167	118	105	172	709	141.8	96.5%



### 5. Consideration

- In the washing 5 times, there was the effect of high mite-proof.
- About 90% of mite-proof effect was confirmed even at washing 10 times