Entire surface coated by breathable PU. New item for sensitive applications.

E0100 Nanote Clean™ AC
E0110 Nanote Clean™ AC(Class 100)

Applications: Clean rooms, Precision engineering, Electronic equipment, etc.

Low Ion Leaching
Excellent Low Charging Features
Outstanding Washability for Re-using

*One scene of usage

Point

Apply to High-Class Clean Room Environment

A sewn liner coated by special PU produces and excellent low lint combination. It exhibits superior durability and outstanding washability when compared to existing PU sheet laminated gloves and disposable gloves.

Testing data: The gloves were washed and measured after being used for actual work in clean room. Repeated 30 times.

Washing Times	No. of pieces	Particle count (per piece)	
		0.3μ or over	0.5μ or over
Before washing	20	63	4
1 time	20	1	0
5 times	20	1	0
10 times	20	1	0
20 times	20	3	0
30 times	20	1	0

Measurement of particle counting
Method: JIS-B-9923
Particle counting: Repeated measurement at 3 points (average of 3 points)
*This data shows a testing result, and does not represent quality assurance data.

Apply to class 100 and above environment
Clean Room Classes

Class 100	Class 1000	Class 3000

Nanote Clean AC

Nanote Clean PC

*Lower class numbers indicate a higher level of clean room cleanliness. Class 100 means no more than 100 particles of 0.5 or more per cubic foot.

Low Ion Leaching
Analysis method

Leaching	Complied with sanitary testing procedures
Leaching in ultrapure water	Used 2ml of ultra-pure water per 1 cm 2 ofglove. This produced a 226 ml sample solution leached from 113 cm^2
Na,K	Atomic absorption photometry
Other cations	IPC emission spectrometry
Anions	Ion chromatography
Result	Below detection threshold (mg/l)

Glove Designed without Seams in Finger Pad

The fingertip region seams are located above the finger nail, provide the perfect finger fit.

Excellent Low Charging Features For Anti-Static Applications.

Change in combined resistance of body (Ω) over time while wearing gloves.

Time(min)	0	0.2	0.5	1	3	5
Nanote Clean AC	Exceeded	1.6×10^8	9.0×10^7	5.9×10^7	3.2×10^7	2.2×10^7
PU sheet laminated glove	Measurement range exceeded					

Thin and with superior dexterity, but also has more than 7 times the strength of PU sheet laminated gloves.

Type (glove)	Thickness	Strength (index)
Nanote Clean AC	0.35mm	30
PU sheet laminated glove	0.35mm	4
Disposable glove	0.1mm	<1

Nanote Clean is extremely durable despite being thin and having superior dexterity. According to Showa Gloves investigation, it has been rated 3 to 50 times better than other gloves (wide range of existing products) in actual use.

Minimize Contamination Transfer

The entire glove is coated by a special PU material. The high density and smooth surface of glove prevents contamination from entering the glove. Dirt on the gloves can be removed easily, and gloves can be repeatedly washed and reused.

Resists water, oil & light chemicals, but is also breathable.

The special PU material resists water, oil and light chemicals, but also releases moisture and heat from the hand. It provides a excellent comfort wearing environment during your working time.

oil
water
special PU
moisuture
heat
skin
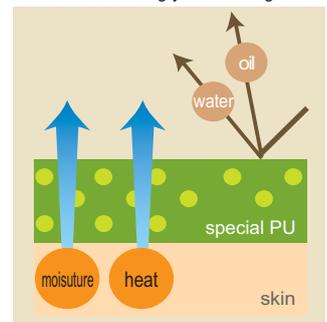
Breathability Performance
(JIS 1099 A-1)

$2900g/m^2$ ·24h

*Generally, people do not feel sweaty when the breathability performance over 2000g/m2·24h

Size: S,M,L   Length: 300mm   Packaging: 10pairs × 20bags

Product story

As technical innovation brings us smaller and more integrated electronic products, these same products become increasingly vulnerable to damage due to static electricity and contaminants.

Nanote Clean AC is a cutting-edge glove for use in strictly controlled work environments and is the first of its kind on the market. Its unrivaled low lint performance, excellent durability, and anti-static properties, provide reliable product quality and, in turn, lower overall costs for the customer.

For more information or trial samples, please feel free to contact us.

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* The data shown here are measurement results, not represent quality assurance data.