



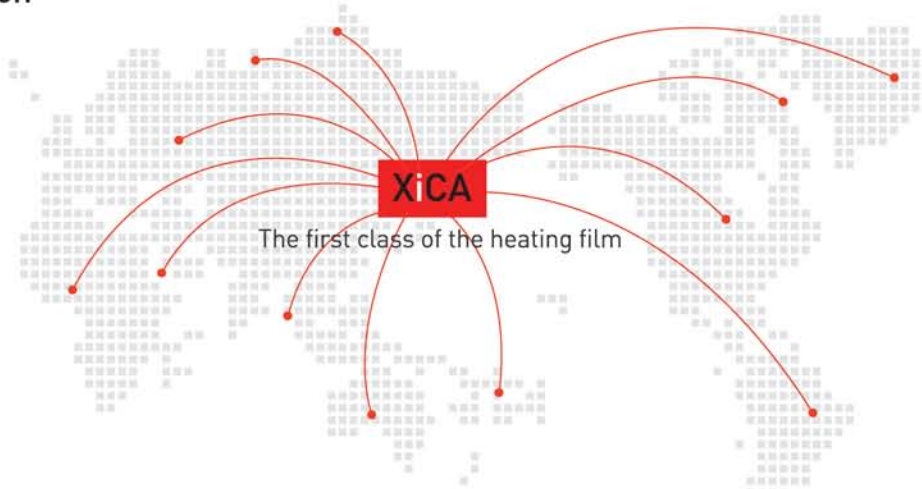
가장 한국적인 것이
가장 세계적인 것이다

Ondol
Under Floor Heating

RexVa

RexVa HEATING FILM BRINGS WARMTH TO YOUR WORLD
GLOBAL BEST SUPPLIER OF FILM HEATER

Vision

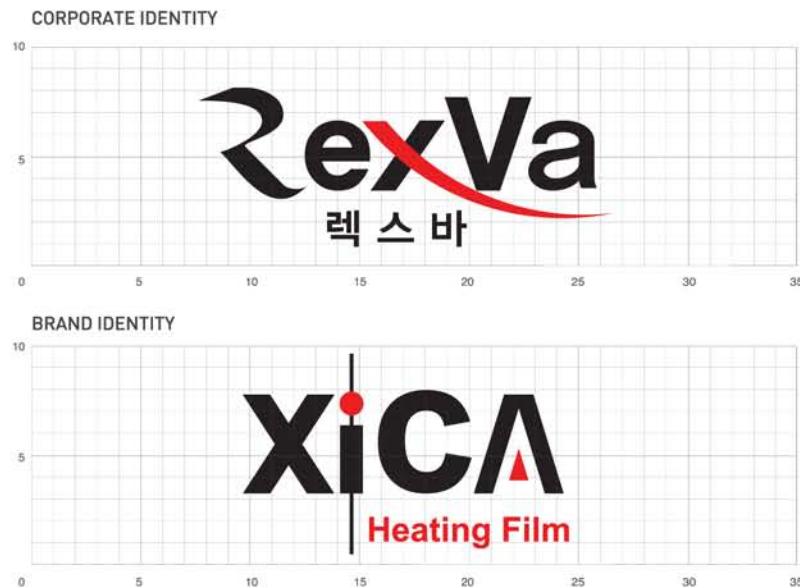


From the initial stage, we have continuously worked for potential markets in Korea and oversea on marketing for surface phase heating elements and pursuing change of its recognition and we obtained CE Certification for Europe electric safety Certification, UL Certification for USA electric safety Certification, NRTL for North American electric safety Certification, GOST for Russia electric safety Certification, UKR TEST for Ukraine electric safety Certification and other electric safety Certification and we export to over 15 countries such as USA, Canada, UK, Russia, China with great reputation for quality in very short time and focus on oversea marketing and continuously increase export volume.

Due to continuous fuel price increase, energy saving is big issues now and our company will focus on manufacturing high quality products by quality control and R&D and then we will be the leading manufacturing company with high technology of heating element by conducting training for product and before & after service.

C.I.(Corporate Identity)

RexVa has CI(Corporate Identity) that contain the meaning of "King" in Latin Rex and "Go to Forward" in Latin Va, English's painting brush X is meaning of "Go to forward smoothly". It contains the meaning of future oriented and pushful CI that emphasis for trusted honest company from customer.



B.I.(Brand Identity)

An English's "X" contains the meaning of "Extra", "I" means "Intelligence" and "CA" means "Calorie". Excellent XiCA Heating Film is representative of RexVa brand that acclaimed in domestic and world market.

I The greeting of CEO

There are words in the book, "Dreaming Garret", that dreams will surely come true when one dreams in more detail and one wants it more eagerly

Having started as a small sprout 8 years ago, RexVa has grown to a sound tree to soar its status and consolidate its position in the heating film industry, being awarded with the President's award for the Tower of Export in 2011 and Knowledge and Economy Minister's award for the trader who brought honor to Korea in 2012.

8 years ago, most of the heating films were foreign products and domestic products were looked down upon in the Korean market. In the situation, RexVa has explored a new ground and has been grown to be acknowledged as a great company, proving that domestic products were safer.

In producing the heating films with electric energy source, we have made differentiation and have showed specialty to get sufficient heating even in the winter by using high quality raw materials rather than reduce price by using low quality materials, considering the safety of the products. Through the effort, our product is recognized as the most proven product specially in Europe.

And also RexVa Co., Ltd. has established a standard for good and stable heating film and has tried to popularize the technology among the industry through monthly seminars. We are proud that we have presented how to use the heating film safely to the new users of heating film.

We also have invested money in the testing to keep the product quality for the users to use the products safely. Through the investment, we could provide the most test certificates in the Korea heating film industry, which made our products the most comfortable for the sellers to sell and for the users to use them.

As a creative and innovative company in the heating film industry, we would plan our vision to grow to a strong company through technology development and customer satisfaction, not satisfied with our current position, and to contribute to the benefit of customers with the increased value of the company. The management and all staffs of RexVa Co., Ltd promise to be a pure company, keeping our first resolution in our hearts.



RexVa

GLOBAL BEST SUPPLIER OF FILM HEATER

Ho Sup Kim, CEO

김호섭

RexVa Heating Film - brings warmth to your world

History

2012

3 consecutive year of debt-free management

Export Achievement: 3 Million US Dollar by now

- Apr.** Awarded as the Businessman of Gyeonggi Province in the field 'Export Innovation', Grand Prize
Selected as the 2012 Internet Trade Frontier Company by Gyeonggi Province
Awarded as the 48th Best Trader of the month by the Ministry of Knowledge and Economy
- Mar.** Renewal of ISO14001, ISO9001
Certification Heating Cable CE
Certification Heating Cable GOST

2011

- Nov.** Awarded as Outstanding Export Company on the 48th Trade Day
- Oct.** Finished the construction of 2nd factory, Production Capacity Enlargement
- Jun.** Selected as Promising Export SME by the Gyeonggi Small and Medium Business Administration(SMBA)
Patent Registration – Environment-friendly Conductive Coating Composition For a Sheet Heating Element Capable of Controlling Fluidity or Viscosity using a Water-Soluble Resin and Water (Number 10-0889195)
- May.** Signing the Contract with the exclusive Distributor in China
- Apr.** Selected as the global private network 2011 by Small and Medium Business Corporation(SBC)
- Mar.** Selected as a member of the SNS Social Network Support Program by Small Business Distribution Center(SBDC)
- Feb.** Selected as a member of the Export Company Program by SMBA
Selected as the 300 New Exporters 2011 by the Korea International Trade Association

2010

- Dec.** Export Achievement: 2 Million US Dollar
Awarded as 'The Exporter' by Gyeonggi Province SMBA
- Nov.** Selected for attending green manufacture project by SMBA
- Oct.** Participation in 'The 9th World Korean Business Convention' & 2010 G-Fair
- Sep.** UL Certification of compliance for 220-240V heating film
- Apr.** Selected as the global private network 2010 by SBC
Selected as a member of the Export Company Program by SMBA

2009

- Sep.** Participation in 2009 G-Fair
- Aug.** Selected as Gyeonggido Promising SME by Gyeonggi Province
Clean Business Place by the Ministry of Labor
- Jul.** RoHS Certification(EU Restriction of Hazardous Substances Directive for electrical appliances and electric devices)
- Jun.** Participation in 2009 Beijing Korea Excellent Product Exhibition hosted by KOTRA
Selected as Promising Export SME by the SMBA
- May.** Establishment of the dedicated R&D Department
- Apr.** Acquirement of 'Ukraine Sanitary & Epidemiologic Safety Research Certification'
- Mar.** Patent Registration – Carbon Paste Composite for Sheet Type Heating Element with Self Switch Function(Number 10-0889195)
- Feb.** Participation in 'Kyunghyang Housing Fair 2009'
Patent Registration – Carbon Paste Printing Device and Printing Method(Number 10-0882702)
Patent Registration – Frost Removal Heater For Unicooler

2008 ~ 2006

- 2008** Procurement service supplies purchase contract
CUL Certification
UL Certification
UKR TEST for Ukraine electric safety certification
Founded RexVa corporate, CEO Mr. Kim was inaugurated
- 2007** GOST for Russia electric Safety certification
Completed development of PTC film heater
ISO 14001 certification for Environment management system
Obtained NRTL(CU,CSA) for North American electric safety certification
Completed development for RFID,ABS
(Recognizing distance : 3.9m)
- 2006** Foundation RexVa
Selected for technically innovative company for Credit Assurance fund
ISO 9001 certification for Quality management system
CE certification for Europe electric safety certification





“Ondol warm the world”

world-wide Ondol

Ondol summary

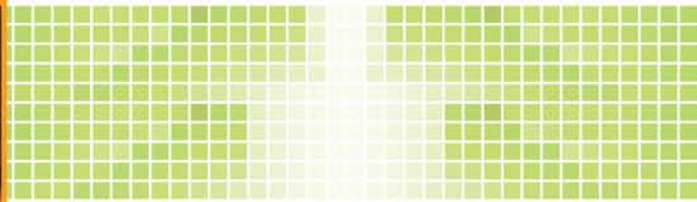
Ondol(Korean underfloor heating)

Ondol is a traditional Korean house heating method. It is also called Banggudeul. Heating method is make a fire at the fuel hole, and heating is done when hot smoke contained heat which was generated at the fuel hole passes through the Gudeuljang(room floor), and the said smoke is gone out into the chimney at the end of the Gudeuljang. A typical device of similar concept with Ondol is Hypocaust which is a Roman era's large bathhouse warm water supply method of primitive type (only comprised of fuel hole and Gorae) that Bulmok(the warmest part of the heated floor) or Gaejari is none. Furthermore we can also take a Gloria which was used for heating device of medieval castle that was derived from Hypocaust.

Merits and Demerits

Hearth of West and Irori of Japan and so on are the heating apparatus directly using the heat source, while Ondol has a feature that use the generated 'indirect radiant heat' warming up the Gudeuljang and Gorae under the Gudeuljang by the heat. That's why if a certain Gudeuljang was well made, heat of the Gudeuljang relatively keeps up for long time even if got rid of the direct heat source from the fuel hole. Condition of the good Gudeuljang depends on how long this 'remaining warmth' would be lasting.

Demerit is that once Gudeul(room floor) is split or broken, smoke comes up and carbon monoxide poisoning could be happened. As problem of the heat efficiency can be taken, it tends to heat excessively beyond necessity to pass overnight with the remaining warmth after making a fire before sleeping. Another demerit is that temperature difference between the place on the Ondol floor nearest the fireplace and the upper side of the floor away from the fireplace is occurred under the structure of Ondol.



People who know the hesting film have no hesitation in recommending the RexVa heating film

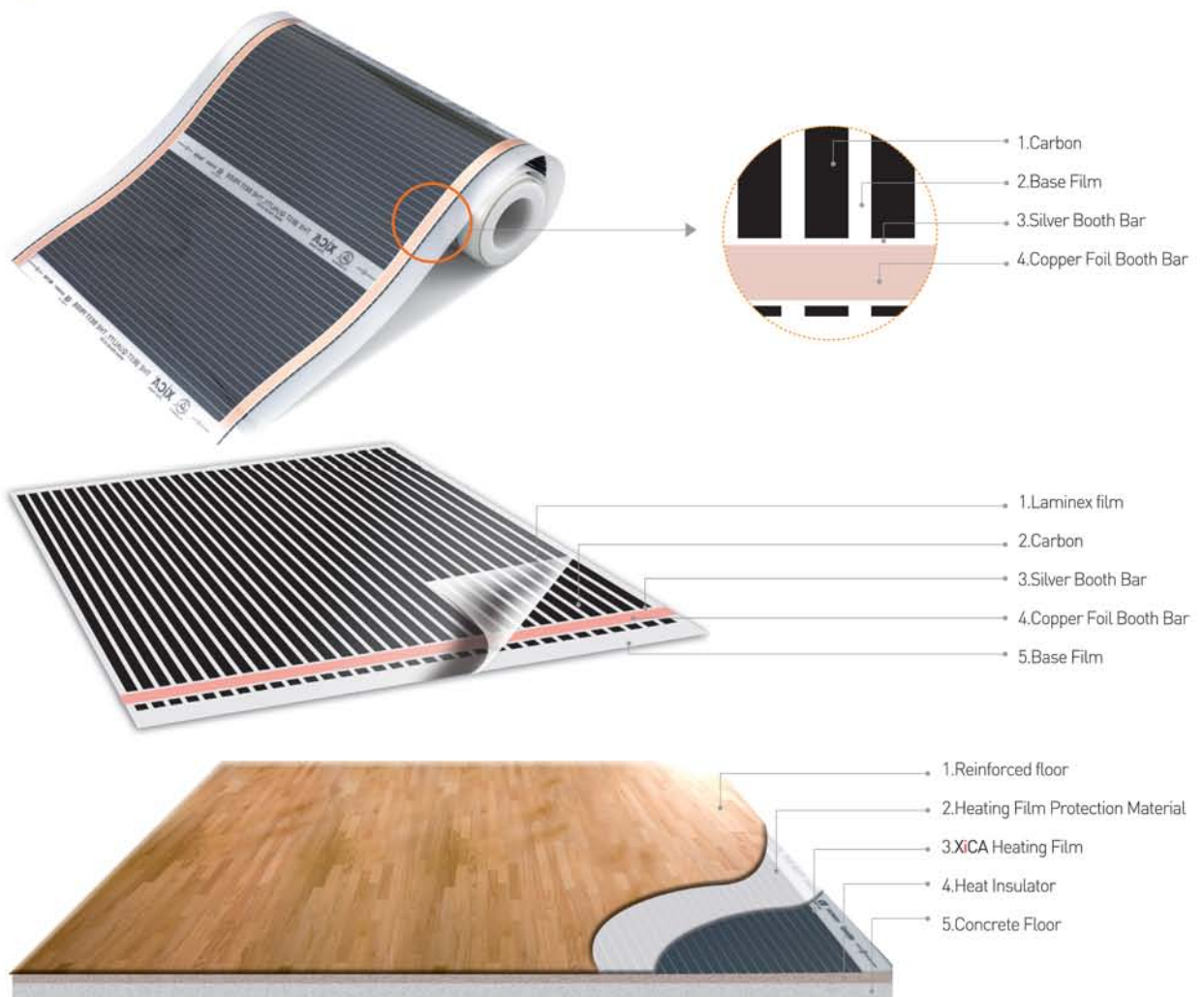
www.rexva.co.kr

XiCA Summary

XiCA heating film is the cutting edge far infrared surface phase heating element which is spread by carbon heating element on the base film of the insulation and the anti flammable material and peels the activated carbon, the adsorbent for polluted material and is treated by laminating in PET film after making the electrode by copper booth bar. Other than the general heater, you can feel warm like sun shine by the radiation of far infrared ray by the carbon heating element spread all the films. And, the film heater can be used for almost semi-permanent thanks to outer PET material, special material and the treatment by special waterproof not to contact with air and the advanced heater heating for the wall, the ceiling and the floor. Capability for heating film is determined by dispersion technology of Nano-particle by viscosity and resistance by Carbon and Silver particles



XiCA Formation



*Ondol warm the world!!
Brand power was not built in a day*



XiCA Spec.

Model	Width	Thickness	Packing	Weight	Wattage/m	Wattage/m ²	Using temperature	Application
XM205	50	0.275	150	30.3	110W	220W	40~50°C	General for normal heating
XM208	80	0.275	100	31.7	180W			
XM210	100	0.275	100	39.1	220W			
XT305	50	0.338	150	36.6	110W			
XT308	80	0.338	100	39.8	220W			
XT310	100	0.338	100	47.6	220W			
XM305	50	0.338	150	36.6	110W			
XM308	80	0.338	100	39.8	180W			
XM310	100	0.338	100	47.6	220W			
XM305h	50	0.338	150	36.6	200W	400W	50~60°C	For high heating

Width(cm),Thickness(mm), Packing(m/box),Weight(Kg), wattage(W/m)

1) Customized manufacturing is available.

2) Customized manufacturing is available considering safety and durability for tin booth bar (high conductivity), carbon design and other electric conductivity and heating

XiCA Features

Economic heating XiCA | 30% cost saving compared to electric heating, 60% cost saving compared to fuel heating !!

XiCA, heating film can enormously save heating cost by high efficiency convection heating.

Convection heat by far-infrared ray is the heating system without temperature difference and having good heating effects under relatively low power consumption compared to radiation heating system.

It is possible to save the cost additionally by avoiding unnecessary heating by partial heating.

Healthy heating by XiCA | Well being heating system by convection heating by far-infrared ray !!

XiCA rapid heating is available by high efficiency method and keep fresh air in a room due to the benefits of convection heating by far-infrared rays and negative ions from the Carbon heating Element covered on the film.

Convection heat by far-infrared ray is the heating system without temperature difference,

Good heating effects under relatively low temp compared to radiation heating system.

XiCA, easy to Install | Just install it under floor, that's all !!

Easy to install, it is completed by just installing film between final material and insulation.

When renovated, just install film on existing installed floor without taking off it, maximizing effects with minimum budget.

Safe heating XiCA | Safe heating system without concerns for an accident !!

Heating method without a flame No concerns for an accident by CO gas or heat conduction due to no flame.

Safely used for facilities for Children or Old people

Quite and clean heating XiCA | Quite and clean heating !!

Heating film XiCA keeps quite and clean in a room due to no sound of combustion fuel, no working by fuel, no vibration and no blower for ventilation and it is especially good for some areas like hospitals which need to keep quite and clean.

Semi-permanent heating system XiCA | Semi-permanent heating without concerns for breakdown !!

Heating film XiCA has simple structure and high durability and it can be used for semi-permanent without concerns even the place having big impact like the floors of gymnasium. It can be used without frozen & break and regular maintenance and move out & re-installation.

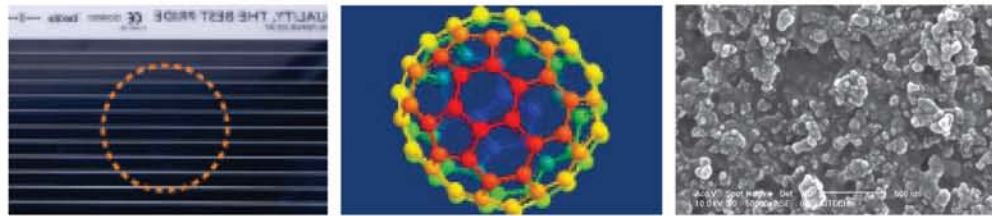


The manufacturing process of the Heating film "XiCA" makes the difference.

Carbon Black of XiCA Heating Film

Carbon black is a material containing carbon(C) like diamond as its main element and is used for car, ink and cosmetics. Depending on carbon's heat treatment temperature(HTT), we call it carbon fiber when performing HTT at the range of 1,000-3,000 °C and graphite fiber when over 2,500 °C.

Comparing with other materials, graphite has a very high heat resistance and a very low coefficient of thermal expansion and thus has an excellent thermal and electrical conduction. As a result, this material is the most widely used for electrical heating element units. You can control adhesive force and resistance value depending on the mix ratio of carbon and graphite on carbon heating element band of heating film. This uses the properties of circular and planar molecular structure of carbon and graphite.



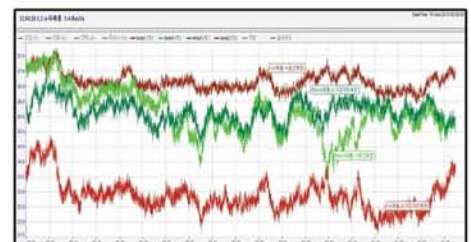
Silver paste

As a low-temperature type conductive for face-shape heating element, the conductive silver paste of XiCA heating film possesses high conductive, characteristics of screen printing, flexibility and also has excellent adhesion with P.E.T and Laminex.

Test report of temperature variation

Testing institution: RexVa, Date: Apr.18th 2012, Name of the test: Temperature variation comparing test with competition products, Test method: To record the temperature variation of RexVa and competitors heating film during 2 hours with 220V

Products ITEM	RexVa				Company A			
	3.30	4.00	4.30	5.00	3.30	4.00	4.30	5.00
Temperature(Sensor 1)	25.27	26.05	25.03	24.37	26.62	26.52	26.82	25.56
Temperature(Sensor 2)	26.07	25.6	25.14	23.56	22.98	22.72	22.82	21.72
Room temperaure	7°C	7°C	7°C	7°C	7°C	7°C	7°C	7°C
VoltagResistance	218V	218V	218V	218V	218V	218V	218V	218V
Watt	99.71W	99.71W	99.73W	99.8W	99.71W	99.58W	99.73W	99.8W
Resistance	438Ω	338Ω	338Ω	338Ω	438Ω	338Ω	338Ω	338Ω
Temp. measured by gun-type thermometer	27.1/27.8	27.1/27.8	26.6/27.7	26.4/26.7	26.6/25.2	26.9/25.4	27/26.2	25.7/24.7
Electromagnetic wave	7/7	7/7	7/7	7/7	7.5/7.5	7.5/7.5	7.5/7.5	7.5/7.5





Export achievement of five million dollars

Test report of Performance Evaluation

Test agency : Korea testing & research institute, DATE: 03 17 2011

Test method : It should be checked 4 different points like a picture.

[TEST RESULTS]

TEST Item	Test Method	unit	Result
HEATING	1. Surface of heater [corner#1]	°C	44
	2. Surface of heater [center]	°C	40
	3. Surface of heater [corner#2]	°C	37
	4. Surface of pads [laminated paper]	°C	37

Comments

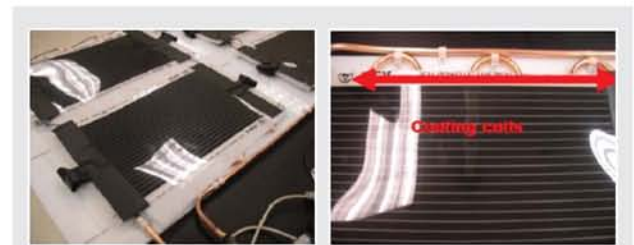
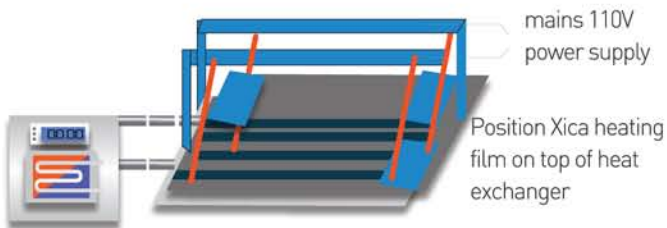
1. Test voltage: 220V~, 60Hz
2. Test environment : 20.5 °C
3. Determining the temperature of the surface of film and pads : thermocouple are attached to plates of copper measuring 65mm X 65mm X 0.5mm



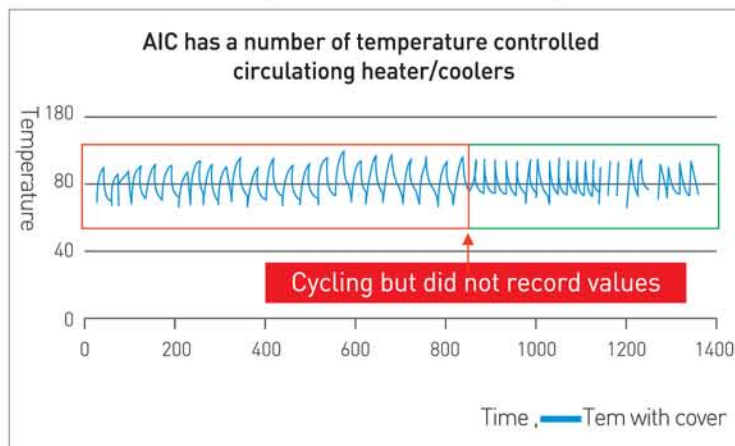
Test For Estimating Product Life Span

Check surface cracks of carbon heating element after testing repeatedly the following experiment for 24 hours :

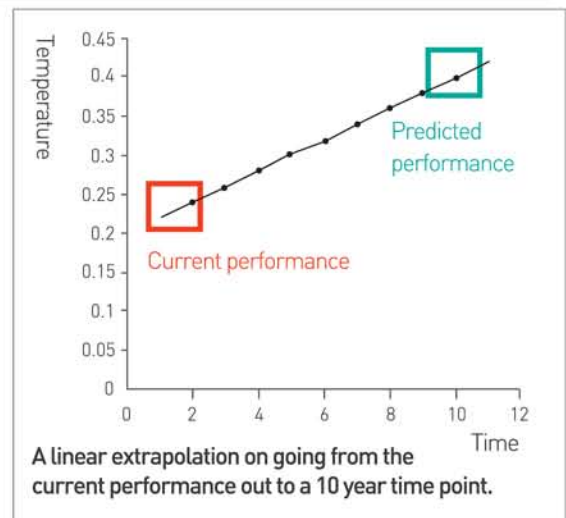
1. Operate XiCA Heating Film for 20 minutes
2. Keep its film surface temperature at 40.5°C
3. Lower its film surface temperature to 0°C through the power block and rapid cooling.

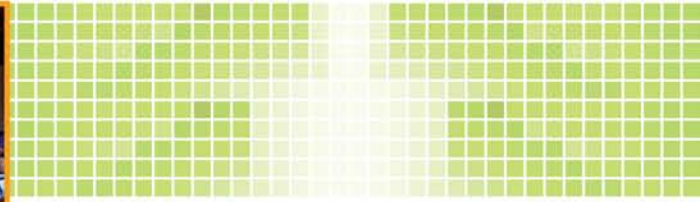


AIC has a number of temperature controlled circulating heater/coolers



* This experiment result shows that XiCA Heating Film proved to be capable of being used without durability problem for over 10 years.





Different quality " XiCA "
Making different Value

Insulating Film Material of XiCA Heating Film

Section	Major Use	Detailed Use	Break Down Voltage	UL Flame Retardant Certification	Color	Price
Polyester Film	for graphic	printing plates,label	no measurement	null	transparent	cheap
	for display	for display spreading plate	no measurement	null	transparent	cheap
	for electricity/ electronics	or wire cover, for insulation, for fire retardant	125 17kv 188 19kv	VTM-2	adding insulation chip milky (semi-transparent)	expensive

* Be sure to use material for electricity and electronics for the material for film heating.

Test of Impact

- Test agency : Korea Electrical Safety Corporation · DATE: 06 16 2010
 - Test method : impact with 0.35J into the skin of sample 5 times
- [RESULT] : satisfactory



Durability Test of XiCA Heating Film

Experimental Institute : US AIC TECHNICA
Experimental Period : April 25 ~ May 22,2009.
Experimenter : Dr. Martin Peacock(Director of Biotechnology and Materials Science)



TEST

Durability test conducted by supplying voltage of 480V(exceeding designed power consumption by 23 times) to XiCA Heating Film designed for 110V AC for about 30 minutes.



XiCA 205e model (designed power consumption 400W/m²) Used film heater for high temperature to generate high heat.



after 10 minutes(film surface temperature 148.9°C, The film begins transformation and generates bubbles.)



after 17 minutes (film surface temperature 165.5°C, wrinkles on the film surface occur and spread out.)



after 23minutes(film surface emperature 171.1°C, The film starts to shrink.)

* XiCA Heating Film has passed the durability test for sales in U. S. market by enduring the voltage of 480V(exceeding designed power consumption by 23 times) for 30 minutes and demonstrating heat-resisting force of about 170°C in above experiment.



People who know the heating film have no hesitation in recommending the RexVa heating film

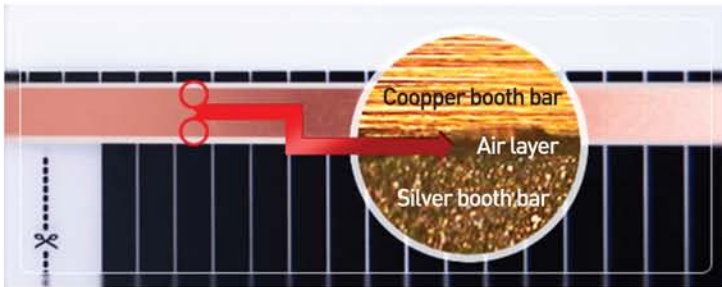
Test report of Performance Evaluation

Core technology and quality certification- Laminating ingredient
 Heating film For electrical insulation Base film
 Material for film heating must be used for electric/electronic

Comparison for Air layer of XiCA heating film

XiCA Pursues the best technology and quality stabilization

Spark of heating film can be occurred by various factors. The most of them are caused by air layer between copper booth bar and base film. Therefore, the most important is the laminating technology for heating film removing the air layer during manufacturing heating film.



Test analysis of electromagnetic interference

Testing laboratory : Korea Testing & Research Institute
 Date of test : 2011.03.09-2011.03.16
 -Test Name : electromagnetic interference
 -Test methods



Testing results [2.1.1 test Set-up]

- 1.3 Electro magnetic Interference (K 00014-1)
 - 1.3.1 power plug interference Voltage Pass Fail N/A
 - 1.3.2 Disturbance power Pass Fail N/A
 - 1.3.3 Discontinuity power Pass Fail N/A

1.4.1 Discontinuous disturbance voltage

*Test Information [A test at about 160kHz shall be made over a range of 0.9 to 1.1 time the rated voltage]

Test voltage[V~]	220	198(-10%)	192	219	242(+10%)
LEVEL[db(μV) of 160KHz]	27.6	26.2	27.0	28.1	27.4

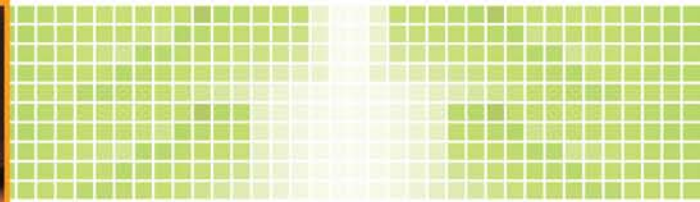
* Test voltage : 219V~

1.4.2 Disturbance Power

**Test Information [A test at about 50 MHz shall be made over a range of 0.9 to 1.1 time the rated voltage]

Test voltage[V~]	220	198(-10%)	210	231	242(+10%)
LEVEL[db(μw) of 50KHz]	26.0	24.2	24.9	26.9	25.8

*Test voltage : 231V~



high technology skills of rexva
bring the trust to you

www.rexva.co.kr

I The Dustproof & Waterproof Test report

1. Test agency : Korea Electrical Safety Corporation, 2.DATE: 06 16 2010,

3.Project : Dustproof & Waterproof Test report

1) Dustproof Test [Experiment method]

1. Using sample : 1) dust powder with 50mm of diameter-dust powder can be passed the 75mm mesh well.
2. Test time : 8 Hours in the test chamber

A. Checking point : operated condition

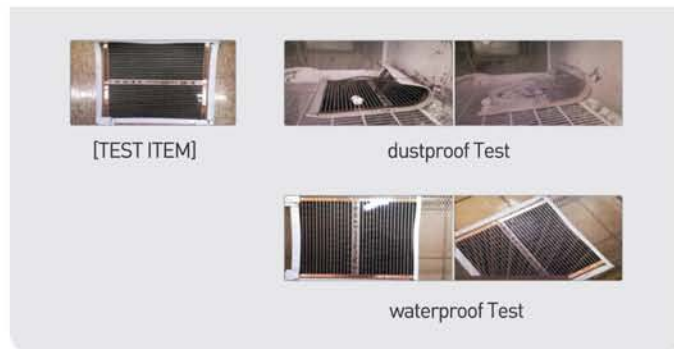
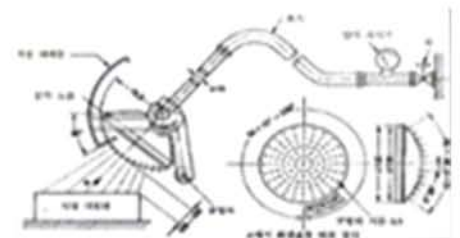
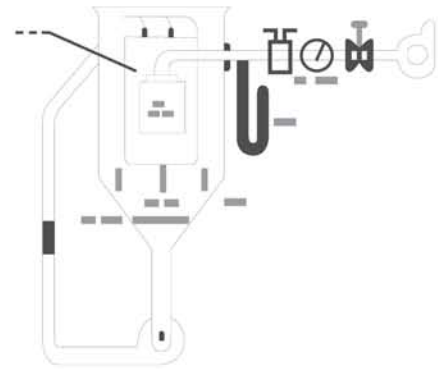
RESULT : satisfactory

2) Waterproof Test [Test method]

Testing voltage] 1500Va.c,60Hz/one minute

[Checking point] water permeation

[RESULT] : satisfactory



I Test report of Ball Pressure - Glow Wire- Leakage Current- Electric Strength

Test agency : Korea testing & research institute

DATE: 03 17 2011

[TEST RESULTS]

TEST Item	Test Method	unit	Result
Ball Pressure	Surface of heater, 125°C	mm	1.3
Glow Wire	Surface of heater, 650°C	mm	Not a flame
Leakage Current	Between any pole of the supply and accessible metal parts[L / N]	Ma	0.01/0.01
Electric Strength	Between any pole of the supply and accessible metal parts[L / N]	Ma	no breakdown / no breakdown

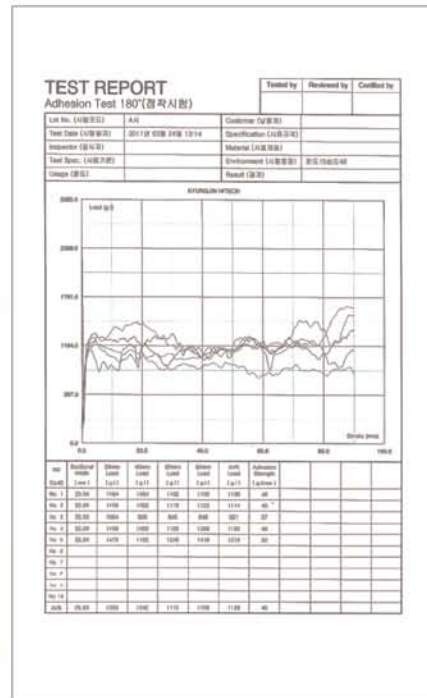


Only proven products
can guarantee Safety and product
durability.



Test for XiCA heating film adhesive (Quality certification)

XiCA heating film has a higher level of adhesion than competitor's product.



Clean Environment Safety Certification Test



Volatile organic compound test

Volatile Organic Compounds(VOCs) concentrated in products issue Sick Building Syndrome, atopic dermatitis and other diseases. VOCs are regulated as human carcinogen in the US, Japan and EU.

Because printing process is obligatory during manufacturing, heating film produced without safety aspect can contain VOCs.

RexVa tested the VOCs residual quantity of XiCA heating film in behalf of the health and safety of our customer.

Test result: Not any harmful substance (VOC as Benzene, Toluene) detected



*RexVa heating film makes
a present of warmth like
bright sunny day in the springtime.*

Effect of XiCA Heating Film

1. Far-infrared radiation heating

- Rapid heating.
- Keeps room evenly warm without any difference in room temperature between upper and lower part of the room.
- Makes you enjoy comfortable heating effect even in a relatively low temperature of the room compared to convector.

2. Simple installation and easy workability

- Installation is much simpler than the wet mortar construction method.
- Installation can be completed simply by installing it between the insulation and the floor finish.
[*Be sure to install after taking the required heating film installation training course.]

3. Excellent durability

- It can be used semi-permanently.
- Its simple structure causes fewer failures.

4. Heating method without combustion

- As a heating method without flames, it does not generate carbon monoxide, dust and combustion noise.
- Good for facilities to be used by children, the elderly and patients.
[kindergarten, nursery, senior's house, hospital and so on.]

5. Quiet and clean heating

- Heat generated by carbon emits a large amount of negative ions and far-infrared radiation.
- Far-infrared ray/negative ion: remove smell in the room and are very beneficial to the human body and create comfortable indoor air.

6. Excellent economical heating system

- Cheaper by over 30% than electric heating and by over 60% than oil boiler.
- Construction can be completed within a very short time, which reduces construction costs.
- It's area heating feature helps you save energy.
- Possible to be installed with an automatic control [central control] system.

Application of XiCA heating film

• Hotel, Motel, Condo, Institute and School dormitory

It can be controlled all the rooms by only one controller and does not need a boiler room. So, it can have more space and also available re-arrangement and big saving for heating cost by the smart heating system for only necessary space.

• Office, building

Make your office warm and fresh without additional heating equipment, space and complicatedly pouring fuel.

• Restaurant

Giving fresh feeling other than using heating equipment, it can be a marketing point by far infrared heating and increase sales and space saving. So, heating cost can be saved.

• Pension, Bungalow

It can be the alternative heating method in the place where there is no gas line and easy to carry and no concerns for breakdown. Better service to guests with fresh and healthy heating method.

• Kindergarten

Give children bigger and warmer place to play and give them fresh, healthy place by the best heating method with far infrared other than heating equipment.

• Hospital

Give patients very healthy heating with far infrared and environment friendly electricity with cost saving is only used and create very fresh hospital.

• Church, Temple, Training Institute

Give guests fresh feeling and effect of far infrared other than heating equipment.

• Container, Steel house

As long as electricity is connected, it can be installed at any place and is light and easy to carry and install.

• Balcony of apartment, Remodeling

In apartments, Balcony can be heated with affordable cost without any legal problem due to light weight.

Export achievement of
five million dollars



Installed references

Hotel, resort, training center, studio, pension, dormitory



Hotel Seoulstars, Seoul



Hotel Songjung, Busan



Konsington resort, Namwon



Samdo Training Center



Yonsei Church Training Center



Hotel π



Hotel π (Room)



Hotel π (Sauna)



Hotel π (Heating film & finishing material)



Pension, Hoenseong



Pension Ritz



Flat Ballentine



Condominium Marial,
Naksan



YDormitory,
Seoul Sports high school

Religious facilities, sanatorium, fitness center, café, agricultural facility



Yonsei Church



Seobu meth. church



Seobu meth. church



Mosque



Mosque



Saranchae Sanatorium



Fitness center



Café(Ceiling heater)



Office(Wall heater)



Agricultural usage



*Only proven products
can guarantee
the stability and follow-up service.*

XiCA heating film installation



Floor cleaning

- To clean up and to keep clean the floor



To install the insulation on the floor

- To spread out vinyl sheet on the floor
- To spread out waterproof sheet for protecting humidity



To cut up the insulation material

- To select waterproof and flame-retardant materials as insulation
- To cut up the insulation material to fit the corner area of the floor



Taping the insulation

- At the edge and the middle of the insulation must be glued
- At the edge and the middle of the insulation must be glued



To install XiCA heating film on the insulation

- At the edge and the middle of the insulation must be glued
- The film must be installed with bare feet



Cutting

- Cutting up the XiCA heating film



Fixing

- Fixing the attached heating film on the insulation material



connecting

- To connect electric wires to the terminal with a press

Our quality assurance is our competitiveness to the world best product



To connect terminal

- After connecting the terminal to electric wires, connect it with the terminal surface of film.

To measure resistance and to calculate power consumption

- Yield the electric power consumption by measuring total resistance value of line connected in series

To insulate the connector

- Do insulation process to all the terminal areas as attaching insulation tape to connected connector

To complete insulating

- Put the completed area by insulation tape with cutting the insulation and inner area of the surface cutting insulation wires without the protrusion

To complete taping

- Do taping insulation wires and terminal.

To connect the power connector

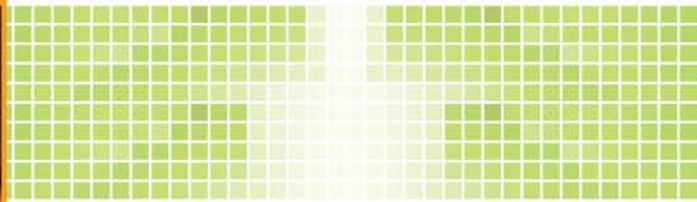
- Connect the power connector of the thermal meter to power supply

To connect the thermal meter

- Connect 2 terminals in left side of 4 terminals on thermal meter to power supply, and connect the rest 2 terminals in right side to the wires of thermal meter terminals

To attach the film protector and completing process

- Complete the process as installing strengthened wooden floor or floor paper after attaching the film protector like non woven fabric, art board and etc. on the completed film



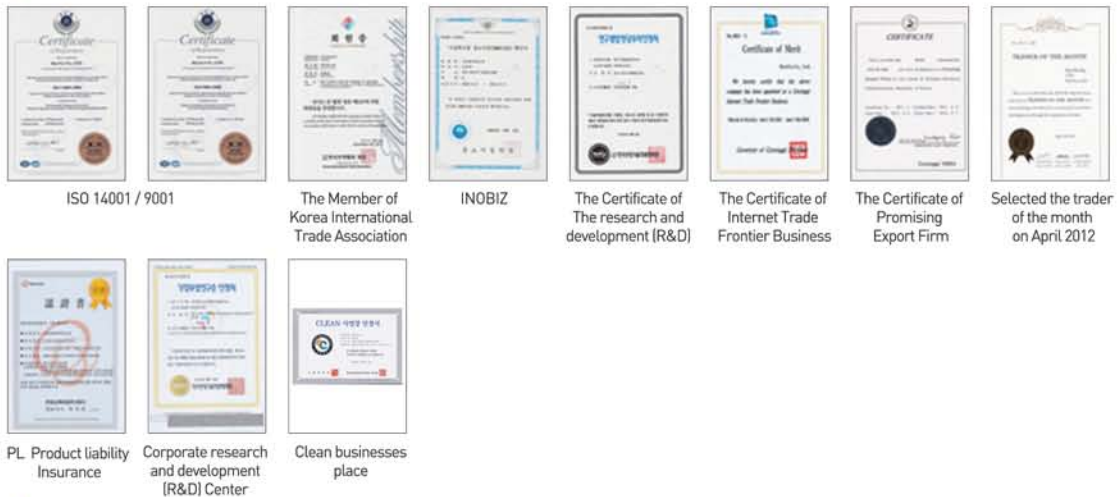
Different quality "XiCA"
Making different Value

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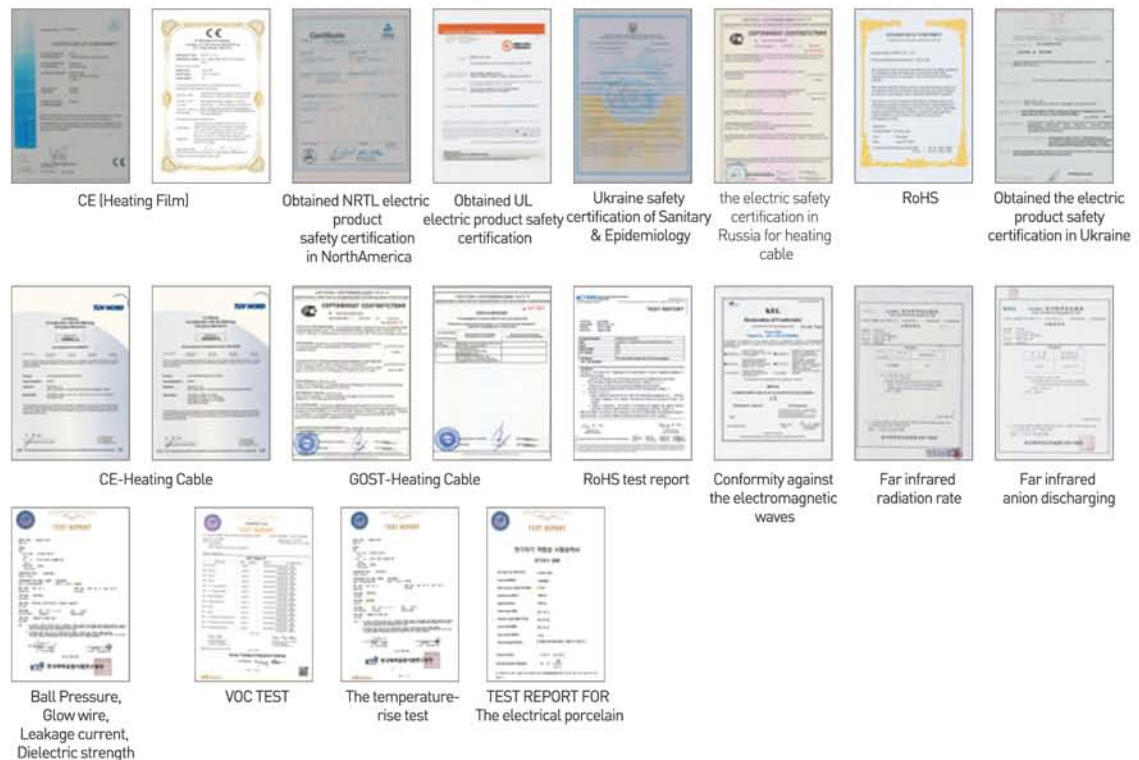
Intellectual property rights

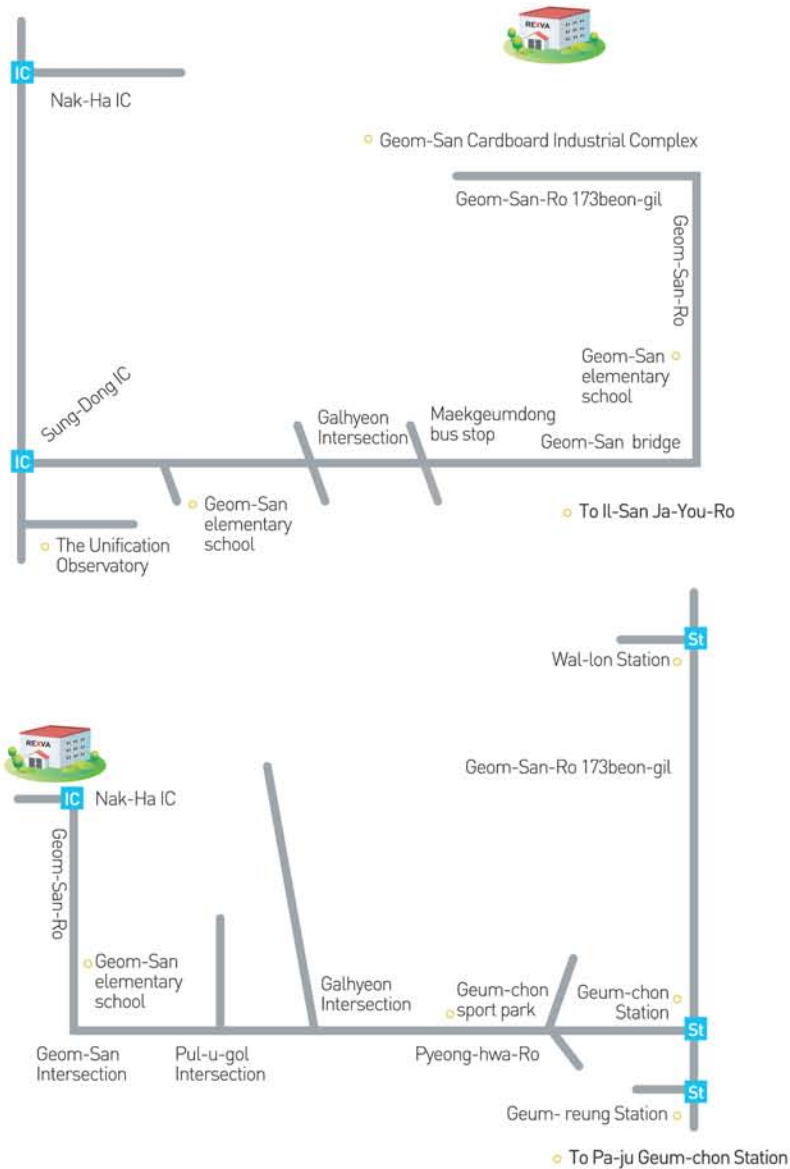


The Certificate of Registration



Certification The Electric safety test report





RexVa

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