

Aiming to be a Leader in the Transformer Insulation Industry.



Ilshin
Transformer
Components Co., Ltd.

Transformer Insulation



www.itckr.com



CEO's Greeting

ITC Co., Ltd. was founded on May 2014 in Yangsan-si, South Korea. ITC is the acronym of Ilshin Transformer Components. We have produced high-quality insulators for high voltage transformer based on know-how of Ilshin Electric Machinery, its parent company (a partner company of Hyundai Heavy Industries, which has produced winding and iron core for high voltage transformer for 20 years).

Our company was certified to ISO9001 (Quality Management System) for customer satisfaction and quality as a priority. And, to practice ESG (Environment, Social, Governance) management, we were certified to ISO14001 (Environment Management System). And, we have obtained ISO45001 (Occupational Health and Safety Management System) certification to maintain a healthy and safe workplace. We have sponsored ChildFund Korea since its foundation, and all employees have participated every year.

The ITC affiliated research institute was established for high-quality insulator and cost reduction through the continuous research and development. And, we have 4 patents related to automatic manufacturing equipment for the winding cooling duct of transformer.

All employees of ITC Co., Ltd. will try our best to maintain trust with customers based on company motto - "Trust, Humility, and Harmony." and its management philosophy - "Pursue customers' happiness with employees' happiness, and contribute to development of human and society."

Thank you.

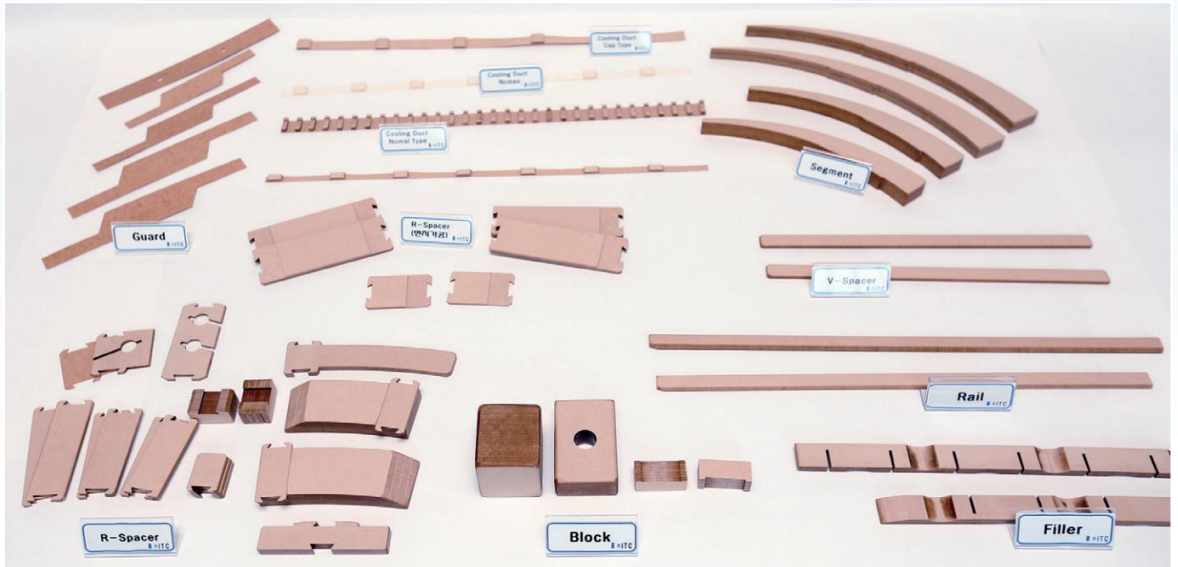
Minsu Kim

Company History

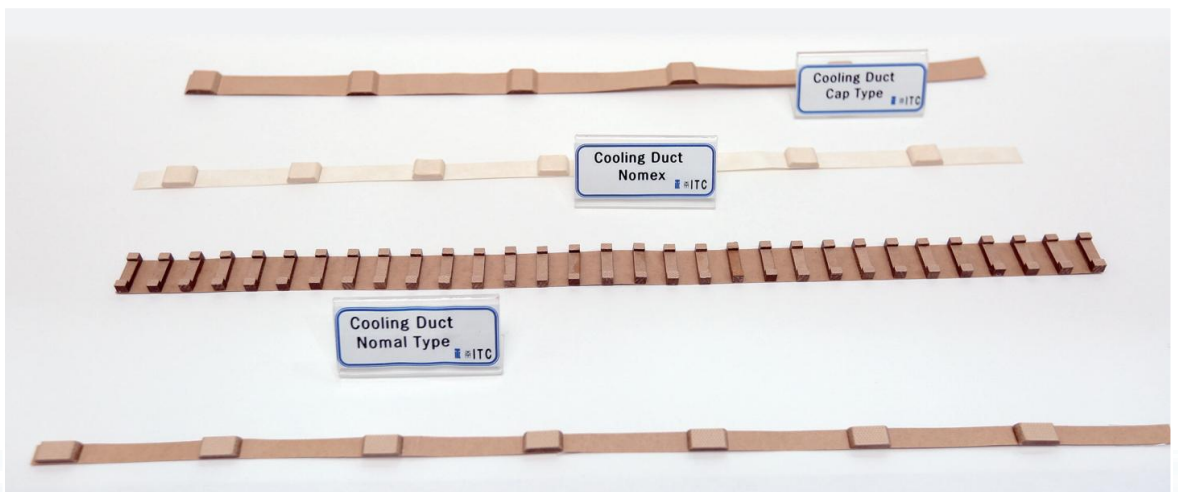
- 2014 May Established ITC Co., Ltd.
- 2014 Nov. Acquired ISO 9001:2008 Quality Certificate
- 2015 Aug. Acquired a Patent [Cooling Duct Assembly Machine 1]
- 2016 Jan. Acquired a Patent [Cooling Duct Assembly Machine 2]
- 2016 Feb. Acquired a Patent [Cooling Duct Assembly Machine 3]
- 2017 Mar. Acquired a Patent [Cooling Duct Assembly Machine by Using Ultrasonic Waves]
- 2017 Sep. Acquired ISO 9001:2015 Certification
for Quality Management System
- 2020 May Certified as a Venture Company
- 2020 Sep. Completed 1st Factory Expansion
- Land: 5,233 m² (6,258yd²), Building: 4,719 m² (5,643yd²)
- 2021 May Selected as a Company Designated for Military Service
- 2021 Jun. Selected for Smart Factory Advancement Construction and Data Infrastructure AI Consulting Project
- 2021 Aug. Established an Affiliated Research Institute
- 2021 Sep. Acquired a Youth-Friendly Company Certificate
- 2021 Oct. Acquired ISO 14001:2015 Certification
for Environmental Management System
- 2022 Oct. Acquired ISO 45001:2018 Certification
for Safety and Health Management System
- 2024 Jul. Acquisition of the 2nd Factory
- Land: 4,336m² (5,181yd²), Building: 1,173m² (1,403yd²).

Production Product

- Transformer Insulation made of high-density pressboard (from OJI F-TEX, Japan / WEIDMANN, Switzerland)



- Cooling Duct(Clackband) made of Pressboard & NOMEX

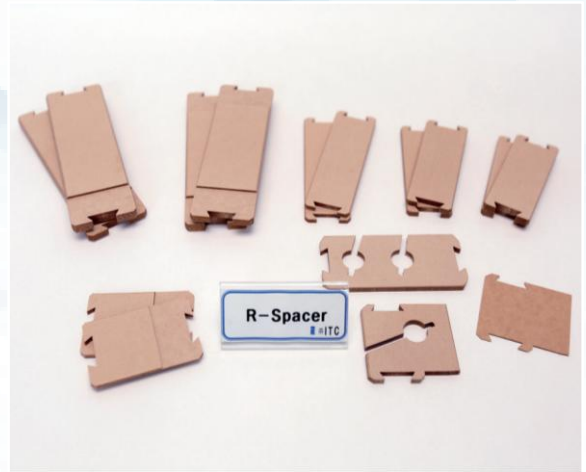
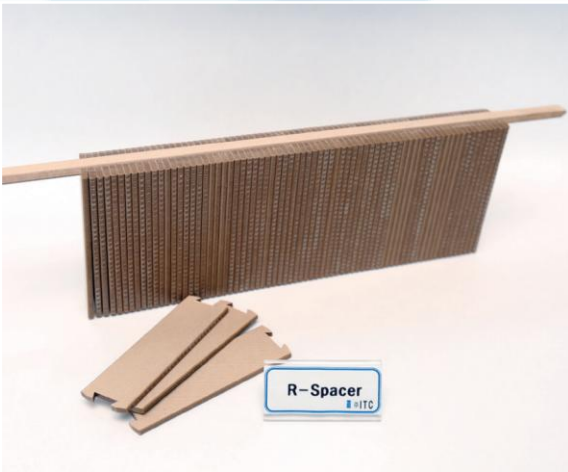


Winding of Transformer (Use Case)



Production Product

Radial Spacer

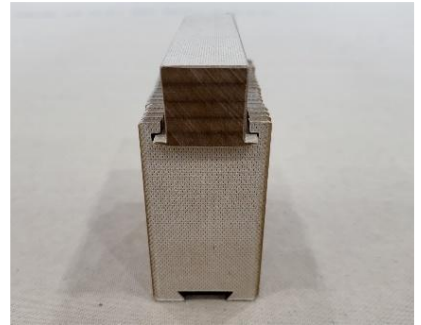
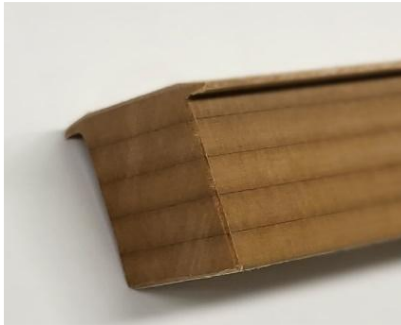
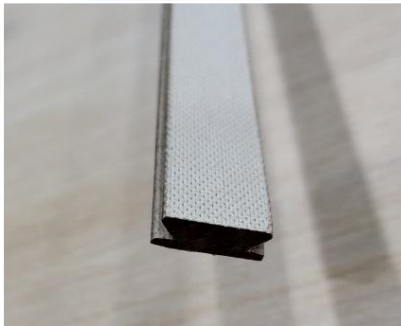
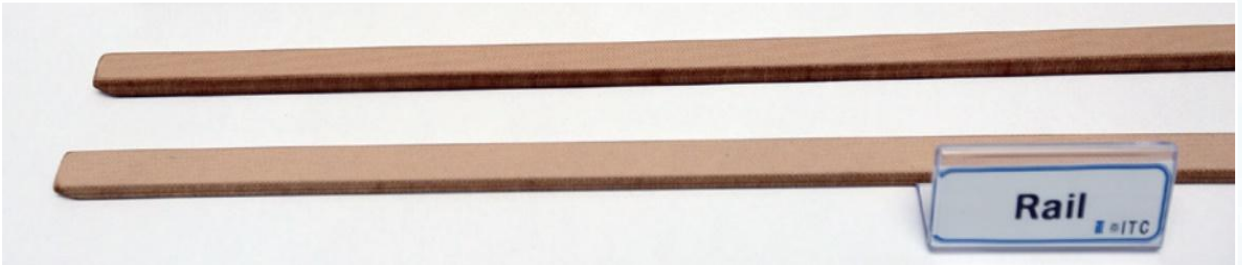


Winding of Transformer (Use Case)

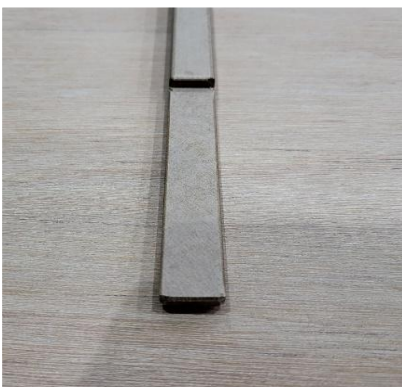


Production Product

● Rail



● Vertical Spacer



● Guard



Production Product

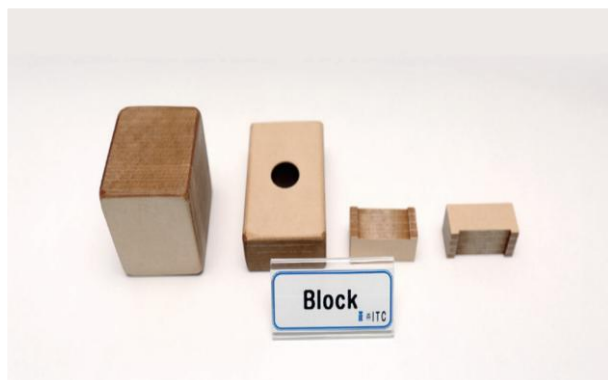
Cylinder



Segment



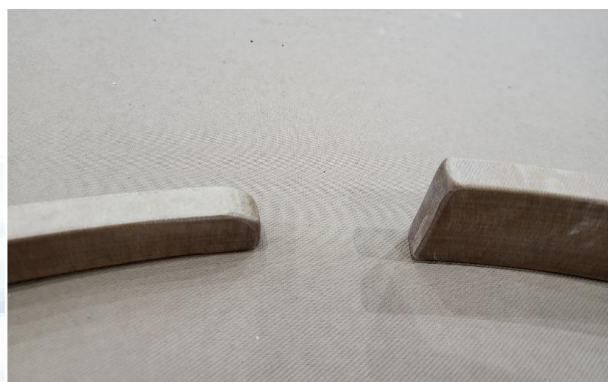
Block



Cooling Duct(Clackband)

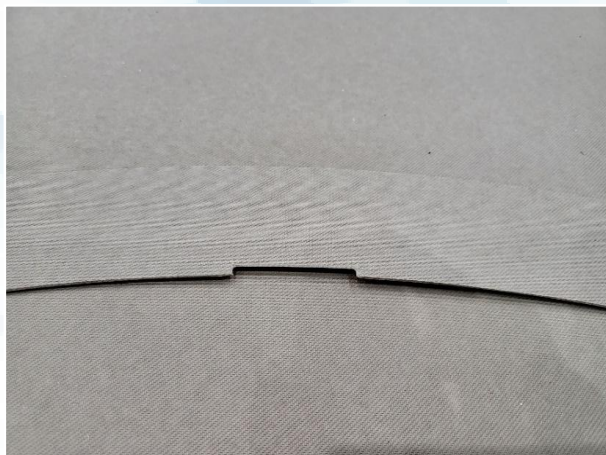


Collar

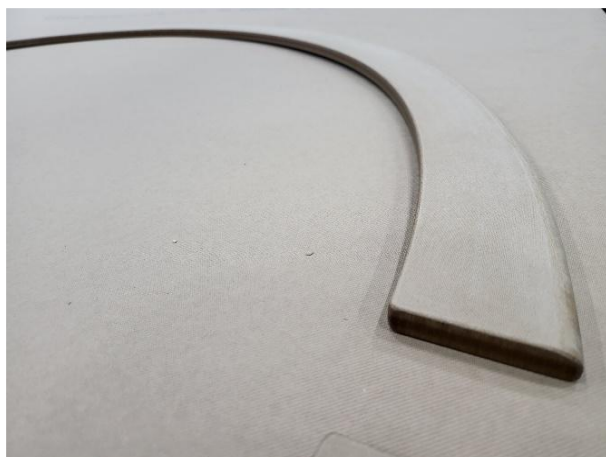


Production Product

Oil Block Ring



Wood Ring

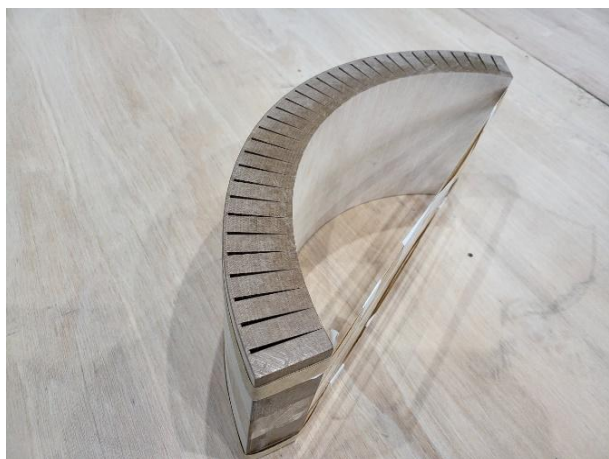


Production Product

Angle Cover



Span Block



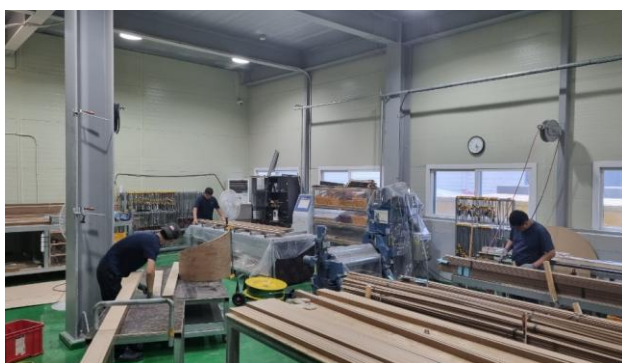
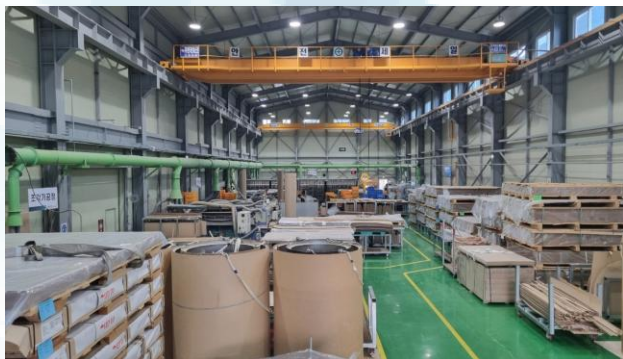
Company View

Company Overview and Office Building



Company View

Factory Interior



Customers

Domestic



Exports



Certificate

ISO 9001 : 2015, ISO 14001 : 2015, ISO 45001 : 2018



CERTIFICATE OF REGISTRATION

ITC Co., Ltd.
6, Ungbigongdan-gil, Yangsan-si, Gyeongsangnam-do, Korea.

Korea SMEs & Startups Registrar certifies that the Quality Management System of the above organization has been assessed and found to be in accordance with the requirements of the scope of certification detailed below

Certificate No. : QMS-3254
Standards : KS Q ISO 9001:2015 / ISO 9001:2015
Valid : 2023.11.21 ~ 2026.11.20 (Initial Registration Date : 2014.11.21)
Scope of Supply : The Manufacture of Transformer Insulator

27 September 2023
This certificate has been re-issued due to the renewal






Accredited by Member of the International Accreditation Forum (International Registration Agreement for Quality Management System)
KOSRE Certification Institute was recognized by the KIR as a quality management system certification institution (Designated number: KAS-QC-09)



CERTIFICATE OF REGISTRATION

ITC Co., Ltd.
6, Ungbigongdan-gil, Yangsan-si, Gyeongsangnam-do, Korea.

Korea SMEs & Startups Registrar certifies that the Environmental Management System of the above organization has been assessed and found to be in accordance with the requirements of the scope of certification detailed below

Certificate No. : EMS-1724
Standards : KS I ISO 14001:2015 / ISO 14001:2015
Valid : 2021.10.15 ~ 2024.10.14 (Initial Registration Date : 2021.10.15)
Scope of Supply : The Manufacture of Transformer Insulator

15 October 2021






Accredited by Member of the International Accreditation Forum (International Registration Agreement for Environmental Management System)
KOSRE Certification Institute was recognized by the KIR as an environmental management system certification institution (Designated number: KAS-EC-12)



CERTIFICATE OF REGISTRATION

ITC Co., Ltd.
6, Ungbigongdan-gil, Yangsan-si, Gyeongsangnam-do, Korea.

Korea SMEs & Startups Registrar certifies that the Occupational Health and Safety Management System of the above organization has been assessed and found to be in accordance with the requirements of the scope of certification detailed below

Certificate No. : OHS-0261
Standards : KS Q ISO 45001:2018 / ISO 45001:2018
Valid : 2022.10.07 ~ 2025.10.06 (Initial Registration Date : 2022.10.07)
Scope of Supply : The Manufacture of Transformer Insulator

7 October 2022






Accredited by Member of the International Accreditation Forum (International Registration Agreement for Occupational Health and Safety Management System)
KOSRE Certification Institute was recognized by the KIR as a health and safety management system certification institution (Designated number: KAS-OC-16)

Patents

특허증

CERTIFICATE OF PATENT

특허 제 10-1586042 호
Patent Number

발명인 제 10-2015-0031277 호
Inventor

출원일 2015년 03월 05일
Applying Date

등록일 2016년 01월 11일
Registration Date

발명명 전압 변압기용 절연체
Invention Name

특허청장 Commissioner
등록사물관리국 가계
Registration Management Division, Korea Intellectual Property Office

본 발명은 「특허법」에 따라 특허등록원부에 등록되었음을 증명합니다.
This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.

2016년 01월 11일
특허청장
COMMISSIONER
KOREAN INTELLECTUAL PROPERTY OFFICE
최 동 국

특허증

CERTIFICATE OF PATENT

특허 제 10-1714403 호
Patent Number

발명인 제 10-2016-0038823 호
Inventor

출원일 2016년 04월 29일
Applying Date

등록일 2017년 03월 09일
Registration Date

발명명 전압 변압기용 절연체
Invention Name

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등록사물관리국 가계
Registration Management Division, Korea Intellectual Property Office

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2017년 03월 09일
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COMMISSIONER
KOREAN INTELLECTUAL PROPERTY OFFICE
최 동 국

특허증

CERTIFICATE OF PATENT

특허 제 10-1598173 호
Patent Number

발명인 제 10-2016-0113980 호
Inventor

출원일 2016년 06월 29일
Applying Date

등록일 2016년 02월 22일
Registration Date

발명명 전압 변압기용 절연체
Invention Name

특허청장 Commissioner
등록사물관리국 가계
Registration Management Division, Korea Intellectual Property Office

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This is to certify that, in accordance with the Patent Act, a patent for the invention has been registered at the Korean Intellectual Property Office.

2016년 02월 22일
특허청장
COMMISSIONER
KOREAN INTELLECTUAL PROPERTY OFFICE
최 동 국

특허증

CERTIFICATE OF PATENT

특허 제 10-1546490 호
Patent Number

발명인 제 10-2015-0091807 호
Inventor

출원일 2015년 06월 30일
Applying Date

등록일 2015년 08월 17일
Registration Date

발명명 전압 변압기용 절연체
Invention Name

특허청장 Commissioner
등록사물관리국 가계
Registration Management Division, Korea Intellectual Property Office

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2015년 08월 17일
특허청장
COMMISSIONER
KOREAN INTELLECTUAL PROPERTY OFFICE
최 동 국



Ilshin
Transformer
Components Co., Ltd.

ITC Co., Ltd.

6, Ungbigongdan-gil, Yangsan-si,
Gyeongsangnam-do, 50524,
Republic of Korea

TEL : +82-55-365-0430

FAX : +82-55-365-0431

EMAIL : itc@itckr.com

Homepage : www.itckr.com