



**I**lshin  
**T**ransformer  
**C**omponents Co., Ltd.

# Transformer Insulation



[www.itckr.com](http://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 ISO 4500 (Occupational Health and Safety Management System). 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.

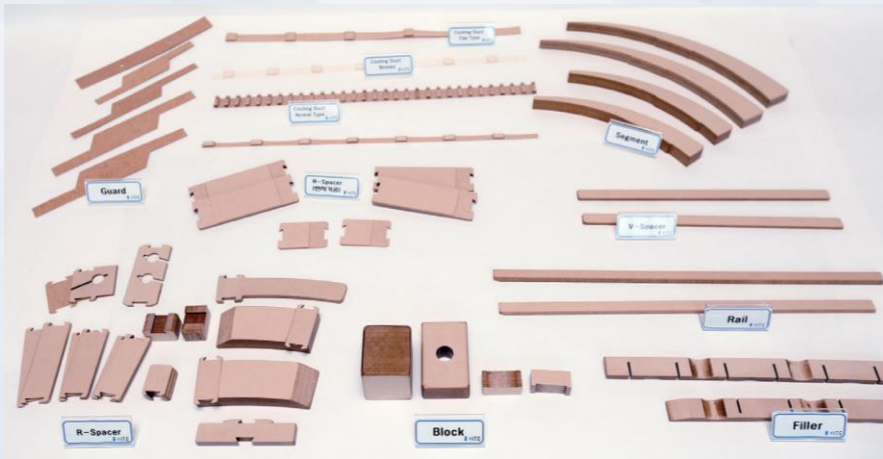
Minsu Kim

# Company History

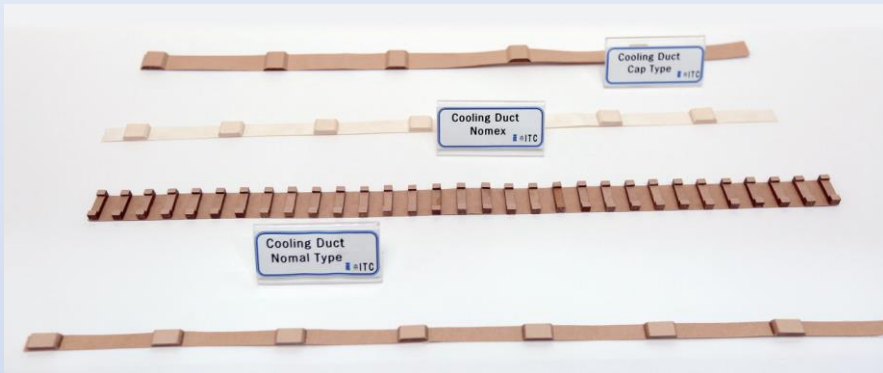
- 2014 May Established ITC Co., Ltd.
- 2014 Nov. Acquired ISO 9001:2008 Quality Certificate
- 2015 Aug. Acquired a Patent [Cooling Duct Assembly Machine]  
- Patent No.: 10-1546490
- 2016 Jan. Acquired a Patent [Cooling Duct Assembly Machine]  
- Patent No.: 10-1586042
- 2016 Feb. Acquired a Patent [Cooling Duct Assembly Machine]  
- Patent No.: 10-1598173
- 2017 Mar. Acquired a Patent [Cooling Duct Assembly Machine  
by Using Ultrasonic Waves] - Patent No.: 10-1714403
- 2017 Sep. Acquired ISO 9001:2015 Certification  
for Quality Management System
- 2018 May Completion of the site for new plant  
at Yongdang Industrial Complex in Yangsan-si
- 2020 May Certified as a Venture Company
- 2020 Sep. Completed Factory Expansion
- 2021 May Selected as a Company Designated for Military Service
- 2021 Jun. Selected as Smart Factory Project of KOSME
- 2021 Jun. Selected as AI Consulting Business to Build Data Infrastructure
- 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  
Occupational Health and Safety Management System

# Production Product

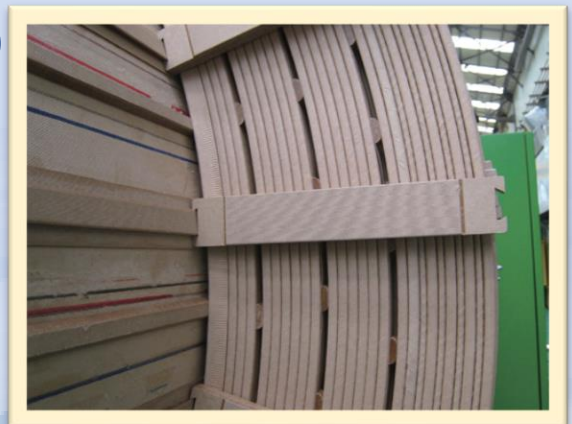
- Transformer Insulation made of high-density pressboard (from OJI F-TEX, Japan / WEIDMANN, Switzerland)



- Cooling Duct (or Clackband) made of Pressboard & NOMEX



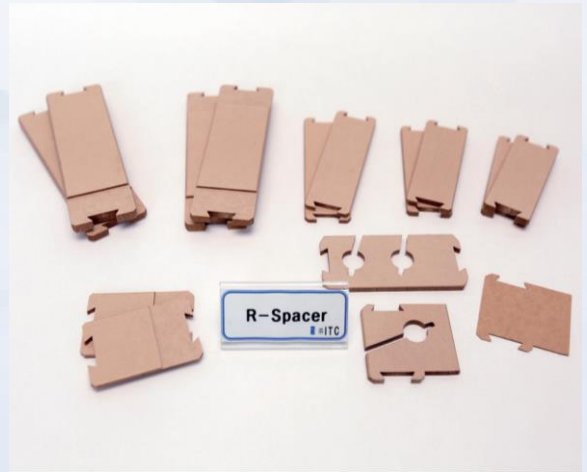
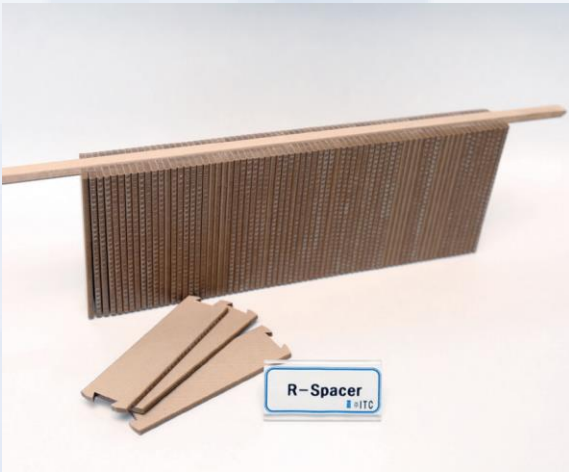
Winding of Transformer (Use Case)





# Production Product

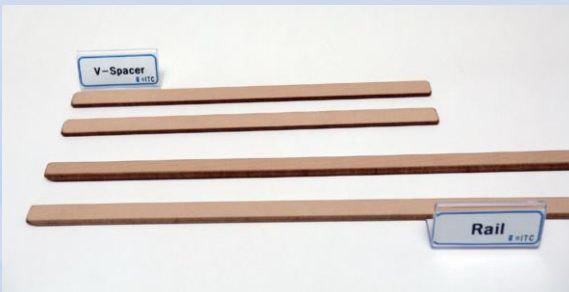
## Radial Spacer



## Winding of Transformer (Use Case)

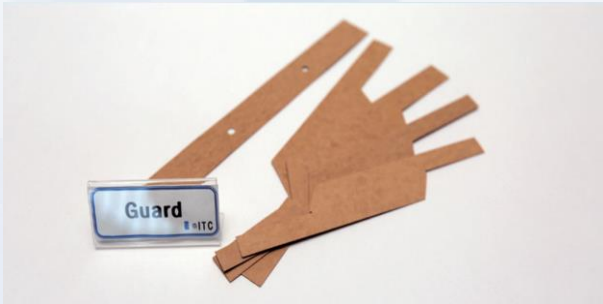


## Rail & Vertical Spacer

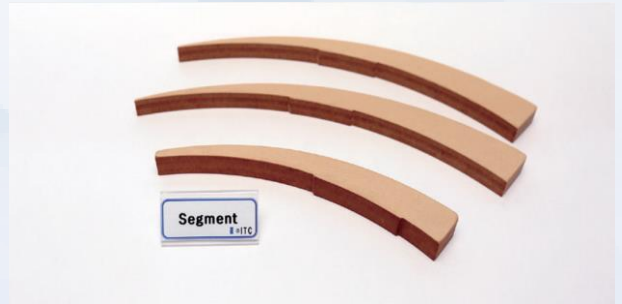


# Production Product

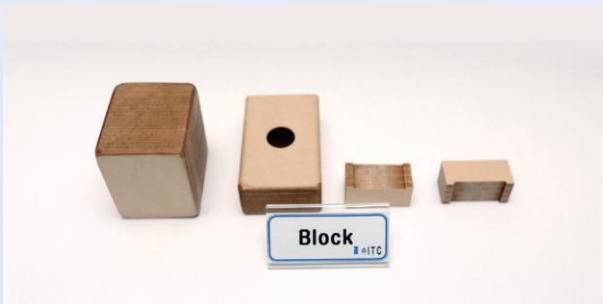
**Guard**



**Segment**



**Block**



**Oil Block Ring**



**Collar**



**Cylinder**



**Winding of Transformer (Use Case)**





# Company View

## Office & Main Plant



## Inside of Plant 1, 2



# Company View

## Inside of Plant 3



## Cooling Duct Room





# Customers

 Domestic



 Exports



ISO 9001 : 2015

ISO 14001 : 2015

ISO 45001 : 2018



Patents





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Transformer  
Components Co., Ltd.

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