



PPC INSULATORS

ELECTRIFYING THE WORLD

PPC Insulators

Hollow Core Insulators

Hollow core porcelain solution for advanced performance
of the most demanding equipment and applications

www.ppcinsulators.com

PPC Hollow Core Insulators.

Tailored Solution for Optimized Insulating Performance.

PPC Hollow Core Insulators are tailored-made insulating solutions for the most demanding electrical power transmission and high voltage applications, requiring high quality, strong and reliable performance voltages up to 1100 kV AC and 1100 kV DC.

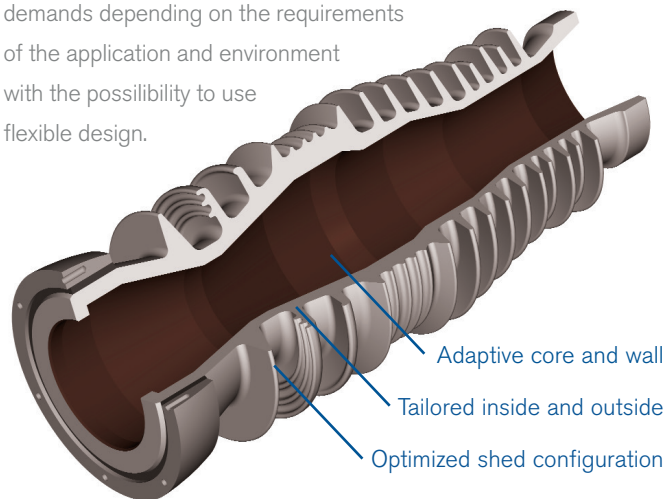
PPC hollow core insulators are designed based on customer's needs and requirements. While design is tailor-made for specific equipment and applications, such as wall bushings, bushings for power transformers, cable terminations, instrument transformers, circuit breakers and surge arresters, PPC hollow core insulators are produced with sector-leading, 130 year long expertise in the insulation industry and comprehensive process quality control for improved conformance and the highest quality consistence.

Porcelain Core

Produced from wet technique, high strength alumina porcelain of PPC hollow core insulators ensure top of the class strength and long-term performance due to quartz residue below 1%, which prevents structural deterioration and guarantees the highest product properties.

Advanced Shed Design

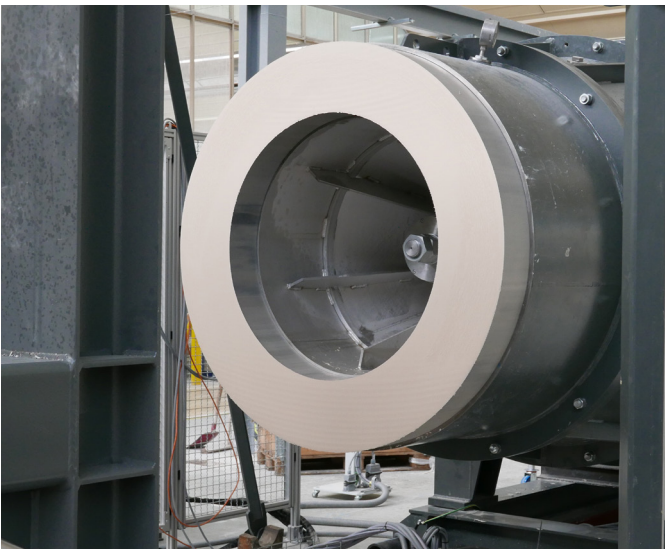
With improved performance for reduced size, PPC hollow core insulators are designed with tailor-made sheds, optimized to deliver the best tip radius and high creepage distance. Each shed type (plain, standard, alternating, underrib and all others) is optimized for different demands depending on the requirements of the application and environment with the possibility to use flexible design.



Depending on the type of equipment and apparatus design, mechanical strength requirements together with design pressure, type test withstand bending moment, on-site environmental conditions and other design criteria are considered for hollow core insulators.

XXL Extruder

PPC Insulators Group has invested in the XXL Extruder and press channel, which will substantially increase the hollow core insulators production capacities as well as capabilities.



With the new XXL Extruder, PPC Insulators is capable of producing multipart insulators up to 1,100 mm in diameter and exceeding 11,000 mm in length and single piece hollow insulators with 2,750 mm length, ranging from 72 kV up to 1,200 kV AC and 1,100 kV DC,

Located in PPC EKS in Sonneberg, Germany, the XXL Extruder will help advance PPC Insulators' lead and set PPC EKS as a central high-quality production hub pushing the technological boundaries.