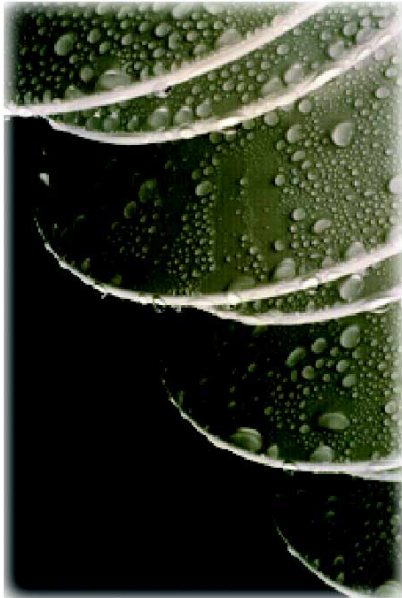


# Steps in the right direction

Benefits of using the GSA bushing

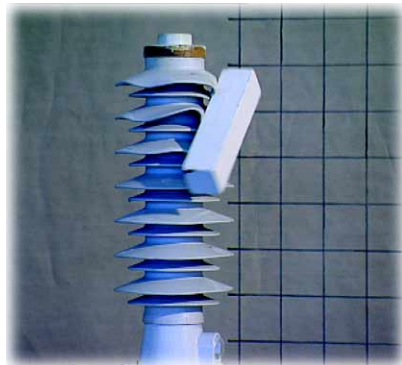


The new generation of bushings is based on RIP (Resin Impregnated Paper) technology and an insulator made of silicone rubber, thus providing maximum performance with minimum dimensions in all environments. Its flexible design will fulfil your requirements.

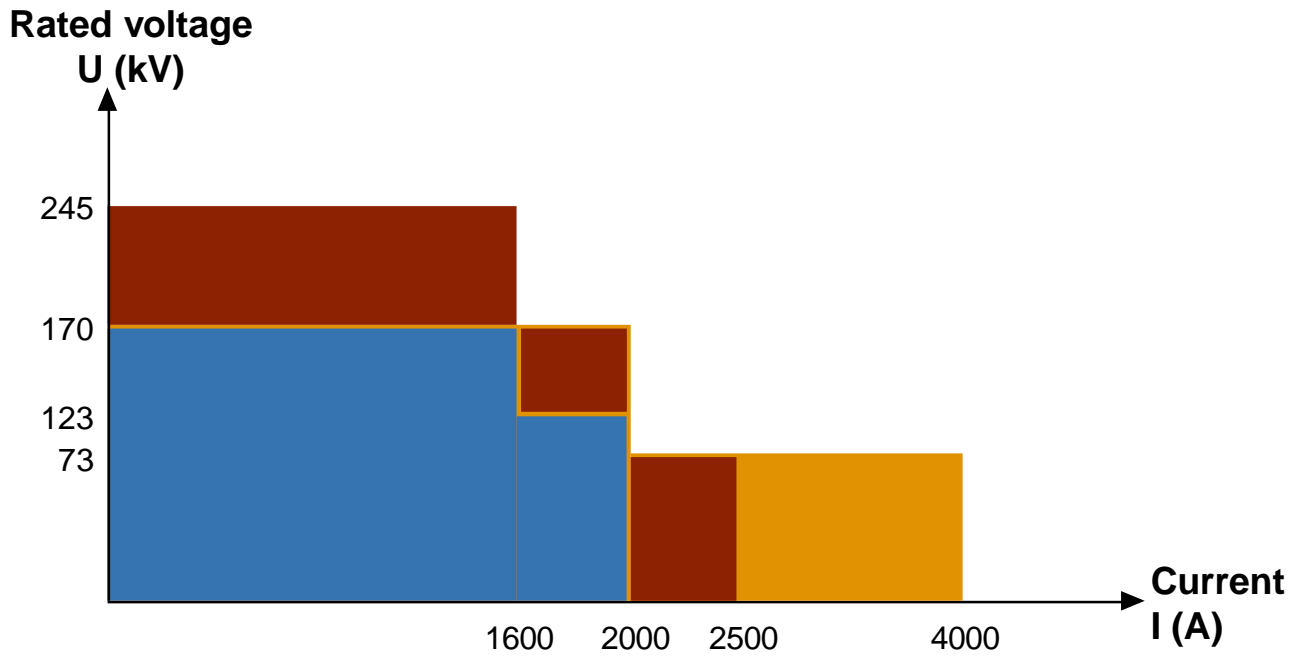





#### Benefits of using the GSA:

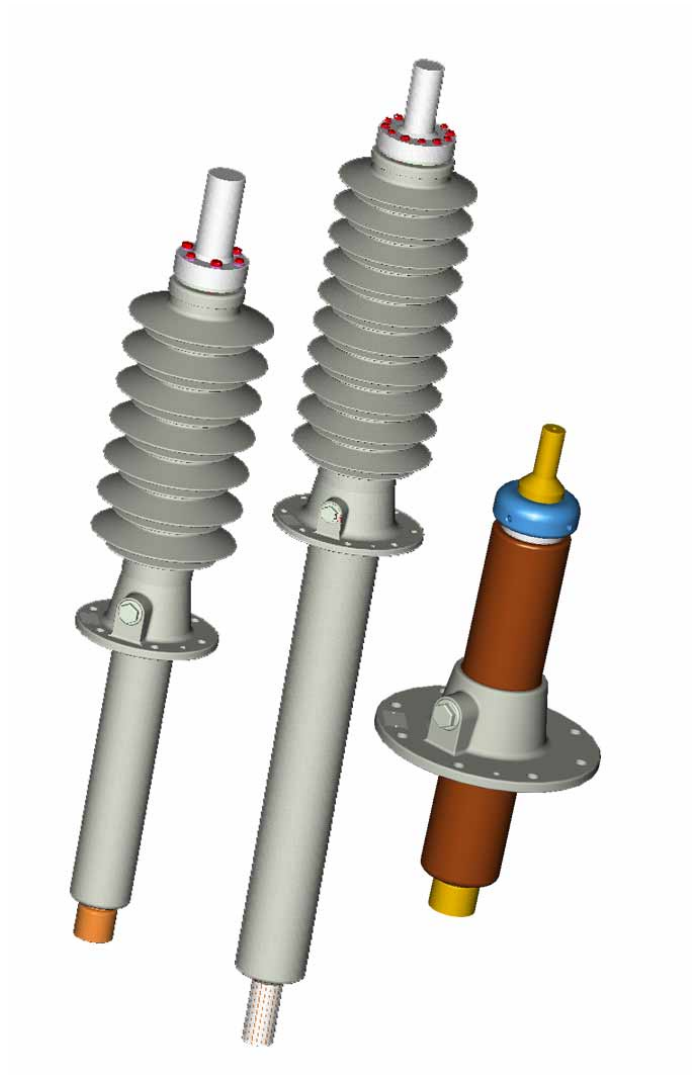
- The silicone surface **maintains a high voltage withstand** even in severe environmental conditions, thanks to its hydrophobic surface.
- The silicone insulator is **maintenance-free**.
- The **lightweight and compact design** reduces the weight of the GSA bushing to approximately half that of the equivalent oil impregnated bushing.
- The GSA bushing **withstands earthquakes very well**, thanks to its low weight and high cantilever strength.
- The bushing may be **transported, stored and mounted at any angle**.
- Silicone is a **non-shattering material**, which eliminates the risk of transport and handling damage and increases the safety of personnel.
- The bushing is **free from partial discharges and has a very low dissipation factor**, which results in a lifetime equal to that of the transformer.
- The silicone and resin impregnated paper used in the bushing contributes to a **low environmental impact** on disposal at end of its service life.
- Silicone rubber proves to be **self extinguishing**, which means that the GSA bushing will neither cause, maintain nor propagate a transformer fire.
- A **very comprehensive testing programme** has been performed in addition to what is required by international standards.



# The GSA concept



-  **GSA-OA:**  
Oil to air transformer bushings
-  **GSA-AA:**  
Air to air wall bushings
-  **GSA-OO:**  
Oil to oil transformer bushings





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