

SEDIVER



Company overview

Experts & Pioneers

With 70 years of experience on worldwide power networks, Sediver has gained a truth expertise in research, design, manufacturing and testing of insulators up to very high voltages as well as for railway catenary systems. Sediver is your natural partner for all insulation applications.

Sediver ensures **the highest reliability and performance** of transmission systems throughout the service time of the line, and under all environmental conditions.

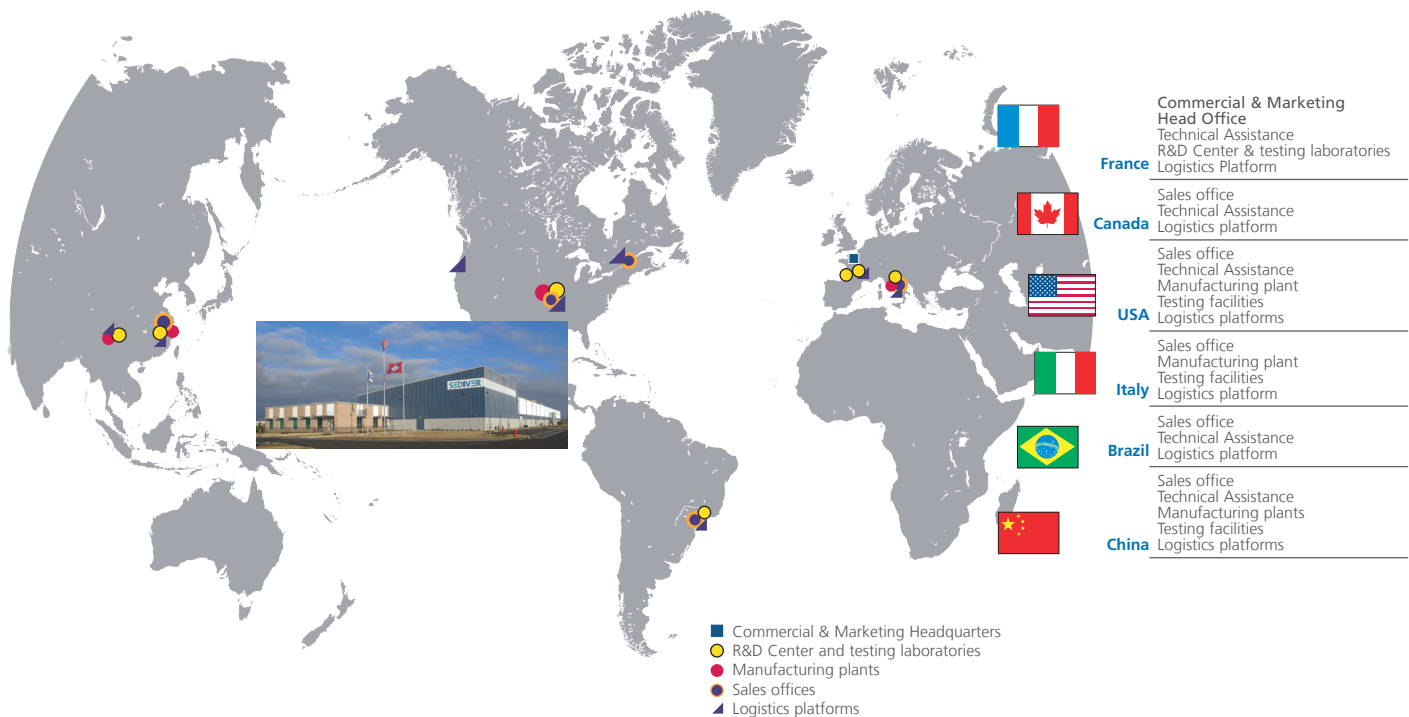
Research & Development, a permanent and continuous investment

Always on the lookout for continuous technological improvements, Sediver heavily invests in Research and Development. Our research and testing facilities as well as our high voltage CEB laboratory both located in France boast state-of-the-art equipment that allows extensive research programs as well as testing of complete strings for systems up to 800 kV.

Proximity of service to customers:

- > 4 plants that guarantee uninterrupted supply, on-time delivery and capacity to supply large projects
- > Regional sales offices in Canada and the USA, including local technical support capabilities and testing facilities
- > 3 storage facilities to serve our Canadian and American Clients (2 in the USA and 1 in Canada)
- > One single quality standard across all factories ruled by a centralized QA system

Global presence



Consistent top quality worldwide

All our manufacturing plants are ISO 9001 certified, and are governed by the same Quality Assurance program and organization. This ensures that all Sediver® insulators are manufactured in accordance with the same methods and procedures, in order to supply all customers worldwide with insulators of the same high quality.

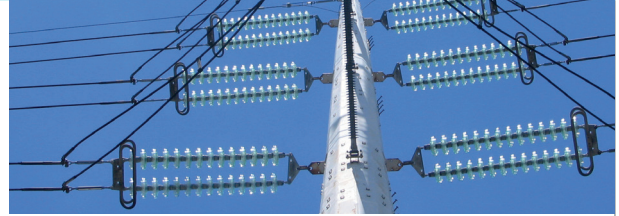
Sediver technical solutions

More than 70 years of experience with 550 million glass insulators in service

Clean area / light pollution

Standard profile

This design performs well in areas of mild contamination thanks to its shallow, well-spaced under-ribs and a leakage distance that exceeds standard duty requirements



- > 450 million insulators in service around the world
- > From 15 klbs to 190 klbs (70 kN to 840 kN)
- > Operating on transmission lines up to 1,000 kV

Medium & heavy pollution

Fog type profile

This profile has an extra-long leakage distance that is achieved through its deeper ribs. The profile and wide spacing of the ribs enhance effective self-cleaning and facilitate washing. This wide spacing also prevents arcing between adjacent ribs under severe contamination.



Open type profile

The absence of under-ribs on this shell type greatly reduces dust accumulation on the lower surface. This design is particularly effective in desert areas. It can also solve ice-bridging problems when alternated with other profiles in a string.

- > 100 million insulators in operation in more than 130 countries
- > Up to 120 klbs (550 kN)

- > 20 million insulators in service in 40 countries
- > Up to 94 klbs (420 kN)

Extreme pollution, when regular washing is needed

Sedicoat® - RTV coated glass insulators

Silicone coated glass insulators combine excellent pollution performance and the technical merits (i.e. ease of inspection) and reliability of toughened glass insulators.

The hydrophobic behavior of the coated surface helps to mitigate extreme pollution problems by reducing wetting, dry band activity and leakage currents.

This eliminates the risk of pollution related flashovers and the need for periodic washing.



- > A reliable solution proven by 20+ years of satisfactory performance
- > More than 2.8 million insulators in service
- > Operating on transmission lines up to 400 kV

HVDC applications

Sediver® High Resistivity Toughened Glass insulators

Insulators used on HVDC lines have to sustain very unique and specific stress conditions associated with the unidirectional e-field and current flow.

To achieve optimum DC performance and to cope with these additional constraints, Sediver developed the High Resistivity Toughened Glass (HRTG) insulator, characterized by a specific type of glass and insulator design.



- > First installation in 1965
- > 9 million insulators in service worldwide
- > Up to 800 kV HVDC

YOUR LOCAL PARTNER
FOR MORE THAN **50** YEARS

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