



**K-LINE INSULATORS LIMITED**  
**TORONTO, ONTARIO, CANADA**

# Catalogue D-EI

## **DISTRIBUTION SILICONE INSULATORS** *Extension* *15 kV to 46 kV*

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# Distribution Silicone Insulators Extension

K-Line dead-end extension insulators are manufactured by coupling either silicone sleeved rod to polymer dead-end insulators. Extension insulators are made using the same manufacturing methods and quality assurance program as the dead-end and guy insulators. Each dead-end extension insulator is mechanically proof tested to 44kN, (10,000 lbs).

For installations in normal operating environments, K-Line insulators are recommended. For extremely contaminated, salt laden or chemical environments, K-Line SILICONE insulators are the ultimate solution.

The Technical Data table (See Next Section) shows the standard lengths available. Custom lengths are available on request.

## APPLICATION

Extension insulators are used when more length is needed than the standard insulator can supply.

## ROD

The core rod of the extension insulator is made of a high quality fiberglass that has been specially formulated for electrical and mechanical applications.

## HOUSING AND SHEDS

The housing and sheds of the dead-end insulator are one piece, injected-molded silicone rubber that chemically bonds to the core rod. This ensures that the interface between the rubber and rod is impenetrable against moisture ingress.

## FITTINGS

The extension insulator comes standard with aluminum clevis and tongue end fittings, and a coupler.