

## Insulations and Jackets

### Overview

#### Insulations

Belden expends a great amount of time and effort to formulate its own insulations. As a result, Belden insulations provide superior performance under a variety of hostile environmental conditions.

Among the insulations we utilize are:

- **Polyethylene**
- **Polyvinyl Chloride (PVC)**
- **Polypropylene**

Also available are:

- **Datalene®**  
For computer and data transmission. Datalene is crush resistant, lightweight, and offers good performance characteristics over a wide range of temperatures.
- **Teflon® Insulated Plenum & High-temperature Cables**  
For data communications, instrumentation/control, and other commercial and industrial applications. Plenum cables eliminate the need for conduit and reduce installation time.

#### Jackets

Belden electronic cables are manufactured in a wide selection of jacketing materials.

- **Polyvinyl Chloride**
- **Polyethylene**
- **Polyurethane**
- **Teflon®**
- **Tefzel®**
- **Neoprene**
- **EPDM**
- **Silicone rubber**
- **Natural rubber**

Special compounds and variations of standard compounds are used as well.

Teflon® and Tefzel® are DuPont trademarks.