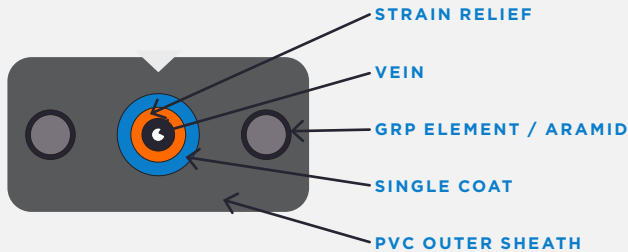
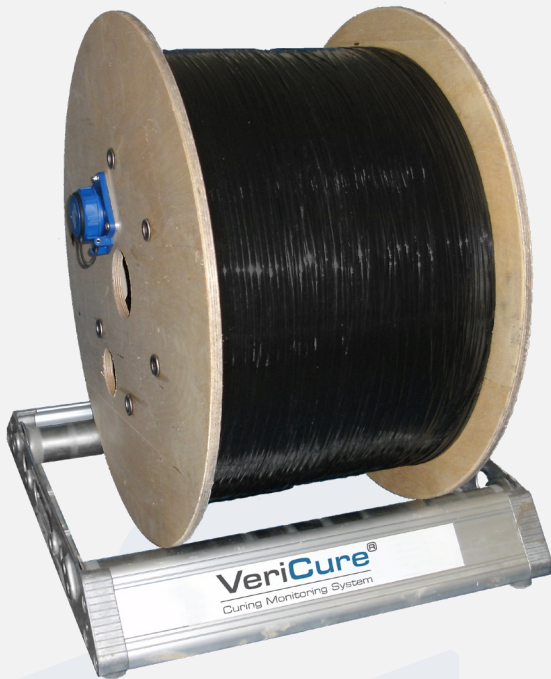


## TECHNICAL DATA SHEET



### MECHANICAL PROPERTIES

- **Minimum bend radius: 30mm**
- **Maximum tensile force: 400N**
- **Weight: ca. 28kg/km**
- **Long-term crush resistance max. 400 N / dm**



VeriCure CMS sensor cable with cable roller equipment as accessory.

US patents: US 8,162,535 B2 and US 13,403,393

## VeriCure® FlatTemp — CMS Optical Temperature Measurement Cable

### DESCRIPTION

VeriCure FlatTemp optical fiber cable is our standard cable featuring a rectangular profile that contains GFK elements and aramid fibers. It is halogen-free and possesses exceptional pull force, bend radius and long-term crush properties. FlatTemp's durable PVC outer sheath is also marked with feet and meter indicators for fast and efficient insertion and measurement.

FlatTemp comes in 6,234 ft. spool lengths and is perfect for short segments or pipe runs of 1,000 ft. or more.

### APPLICATIONS

- **Sanitary sewers, force main sewers, storm sewers, potable water lines, process piping, electrical conduits, and ventilation systems**
- **Round and non-round pipe**

### OPTICAL PROPERTIES

- **Optical loss: Max. 1,5dB/km (1300nm)**
- **Connector (cable drum): Screw cap with integrated E2000/APC connector**

### THERMAL PROPERTIES

- **Transport and storage: -13°F — 158°F (-25°C — +70°C)**
- **Installation: 23°F — 122°F (-5°C — +50°C)**
- **Operation: 25°C to + 70°C**
- **Temperature at the outer sheath of the liner: Up to 302°F (+150°C) (measurement of exothermic reactions)**

### FLATTEMP CABLE PARTS DESCRIPTION

- **1 drum approx. 6,234 ft. / 1,900 m**

### FIRE BEHAVIOR

- **Halogen-free**