

# Temperature Cables

## Grain Temperature Monitoring Cables

**Monitor Your Grain, Anytime, Anywhere.**

Safe-Grain, Inc. manufactures and installs temperature detection systems to fit your needs and budget for all types of grain storage facilities. Heavy duty cables, disposable cables, portable reading instruments and computerized wireless systems are all available.

Monitoring grain temperature is a very accurate method to obtain information about the condition of the stored grain. When grain goes out of condition, regardless of the cause, there is a corresponding increase in temperature. With proper use and understanding of the Safe-Grain system, the operator reduces the potential for grain damage and loss of profit.

### Temperature Cable Options:

#### Tensile Strength:

- **2000#:** 6TC max.
- **4000#:** 12TC max.
- **7000#:** 18TC max.
- **10,000#:** 18TC max.

#### Jacket:

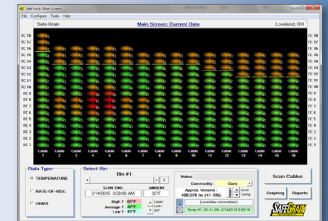
- **Vinyl "V":** Standard duty
- **Nylon "N":** Maximum strength and abrasion resistance

**Leadwire:** is thermocouple extension wire used to connect the top of the temperature cable to the SafeTrack Scanner or CRS box. It is 26 AWG wire with a ripcord in a rugged polypropylene jacket. Note: Only use Safe-Grain provided sealant-filled crimps when connecting thermocouple wires.

- **6TC Leadwire:** Has 1 Common (White) and 1 "Group" of 6 sensor wires: BK, BL, GR, RD, YL, CI
- **12TC Leadwire:** Has 2 Commons (White and Brown) and 2 "Groups" of 6 sensor wires: BK, BL, GR, RD, YL, CI
- **18TC Leadwire:** Has 3 Commons (White, Brown and Orange) and 3 "Groups" of 6 sensor wires: BK, BL, GR, RD, YL, CI

- Extremely rugged design.
- Engineered for longevity and reliability.

- Type "T" Thermocouple.
- Compatible with SafeTrack systems, SafeScan, DTI portable readers and PLCs.



**SafeTrack Wireless Monitoring Software**



**SafeScan Digital Portable Reader**



**Central Reading Station for Portable Readers**

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