



DYNAMIC SENSORS INC.

Thermocouple Wire Specification/Data Sheet

www.dynamic-sensors.com

THERMOCOUPLE WIRE FIBERGLASS 900°F 482°C



PRODUCT DESCRIPTION

Most popular and widely applied of all glass insulations. A color coded fiberglass braid saturated with a high performance resin is used for insulation of the single conductors and jacket.

PERFORMANCE FEATURES

- Designed for continuous use at temperatures to 900°F (482°C), intermittent use in 1000°F(537°).
- Good moisture and chemical resistance; fair abrasion resistance.

APPLICATIONS

- Heat treating
- Glass and ceramic kilns
- Foundries
- Extensive applications in aluminum processing
- Power generating plants
- Petroleum plants
- Field heat treating

CONDUCTOR SIZE	INSULATION THICKNESS	JACKET THICKNESS	OUTER DIAMETER	NET WEIGHT
16	.007	.010	.100 X .150	20
16 (7)	.007	.010	.094 X .168	22
18	.007	.010	.070 X .124	13
20	.006	.006	.056 X .100	8
20 (7)	.006	.006	.060 X .108	9
24	.006	.006	.040 X .068	4
24(7)	.006	.006	.048 X .084	4

* Dimensions and weights shown are nominal, subject to standard industry tolerances.

*The products listed above represent the most popular constructions. Other constructions can be manufactured for your application and requirements. Consult our sales office for additional information.

The above listed order code may be ordered in all thermocouple types.

ORDERING CODE

[Type] - [AWG Size] - F - [Optional Metal Coverings]

Example: J20F

Rev 062520

Approved by:

Octavio Serrano