

### Series 321: High Temperature Braided Fiberglass

The addition of color coding and impregnation to the high temperature fiberglass make this wire the next logical step for systems which exceed temperature capabilities of the standard glass insulated series.

Each conductor is covered with a color coded, high temperature fiberglass braid. This braid is then impregnated to enhance abrasion resistance and reduce fraying. The insulated conductors are laid parallel and covered with another braid of high temperature fiberglass and impregnation.



#### Performance Capabilities

- Continuous temperature rating: 1300°F/705°C
- Heavy fiberglass braided yarn insulation
- Twisted design has no jacket

#### Applications

- Heat treating
- Aluminum and steel

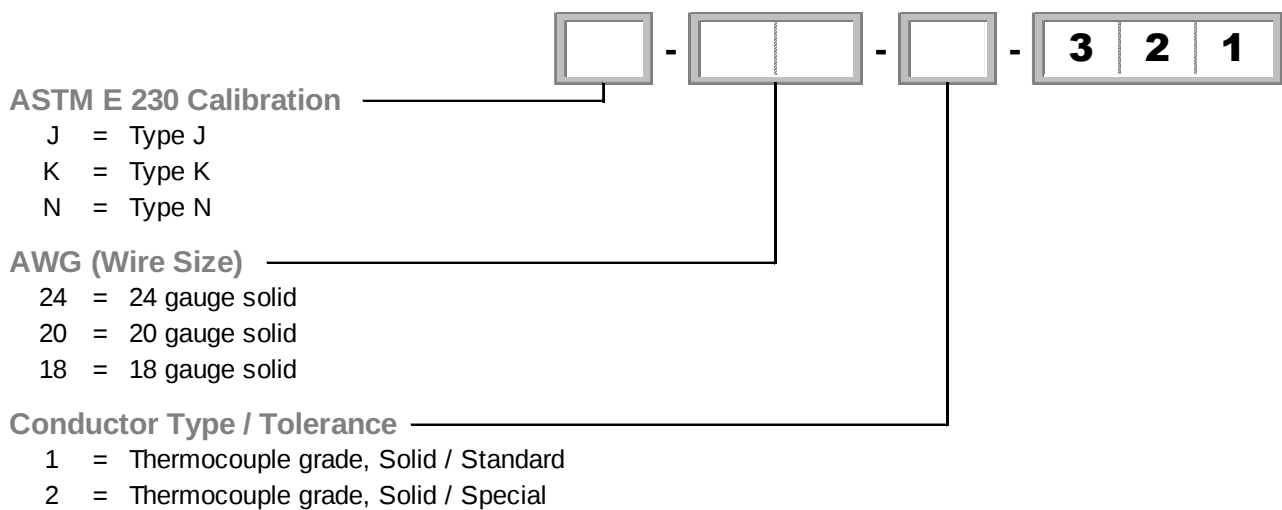
#### Specifications

- Continuous use: 1300°F/705°C
- Single use: 1600°F/870°C
- Resin retained to 400°F/204°C
- Resistance properties
  - ✓ Moisture: Good
  - ✓ Chemical: Good
  - ✓ Abrasion: Good

#### Wire Specifications

AWG	NOMINAL CONDUCTOR		INSULATION THICKNESS				NOMINAL OVERALL SIZE		APPROXIMATE SHIPPING WEIGHT	
	IN	(MM)	CONDUCTOR		OVERALL		IN	(MM)	LBS / 1000'	(KG / KM)
			IN	(MM)	IN	(MM)				
24	0.020	(0.508)	0.015	(0.381)	0.010	(0.254)	0.072 x 0.120	(1.83) x (3.05)	10	14.9
20	0.032	(0.813)	0.015	(0.381)	0.010	(0.254)	0.082 x 0.140	(2.08) x (3.56)	13	19.4
18	0.040	(1.016)	0.015	(0.381)	0.010	(0.254)	0.090 x 0.156	(2.29) x (3.96)	18	26.8

#### Ordering Information



**Note:** Minimum order sizes apply for non-stock construction