

TYPE 10

Single Conductor Insulation

- Double Fiberglass Braid with Silicone
- Modified Resin Impregnation

Duplex Conductor Insulation

- Fiberglass Braid with Silicone
- Modified Resin Impregnation

Temperature Rating

- Continuous: 900°F (482°C)
- Single Reading 1000°F (538°C)

ANSI Color-Coded

- Yes

Physical Properties

- Abrasion Resistance - Good
- Moisture Resistance - Good
- Chemical Resistance - Good

Note

- Impregnation retained to 400°F (204°C)

Characteristics

- See page 129



Thermocouple Grade Wire							
Type	Catalog Number	Wire Gauge	Conductor size (in/mm)	Ohms /Dbl. Ft.	Nominal Overall size (in/mm)	Approx. Shipping Weight	
						(lb. /1000 ft)	(Kg/Km)
10	20JS10	20 Strnd.	.0390/1.000	.343	.070 x .122/1.78 x 3.10	9	13.4
10	20JS10SS	20 Strnd.	.0390/1.000	.343	.093 x .140/2.36 x 3.56	16	23.8
10	20KS10	20 Strnd.	.0390/1.000	.538	.070 x .122/1.78 x 3.10	9	13.4
10	20KS10SS	20 Strnd.	.0390/1.000	.538	.093 x .140/2.36 x 3.56	16	23.8

TYPE 14

Single Conductor Insulation

- Extruded Polyvinyl (PVC)

Duplex Conductor Insulation

- Single Fused (Ripcord)

Temperature Rating

- Continuous: -20 to +221°F (-29 to 105°C)

ANSI Color-Coded

- Yes

Physical Properties

- Abrasion Resistance - Good
- Moisture Resistance - Excellent
- Chemical Resistance - Good

Characteristics

- See page 129

Thermocouple Grade Wire							
Type	Catalog Number	Wire Gauge	Conductor size (in/mm)	Ohms /Dbl. Ft.	Nominal Overall size (in/mm)	Approx. Shipping Weight	
						(lb. /1000 ft)	(Kg/Km)
14	24J14	24	.0201/.508	.877	.046 x .086/1.17 x 2.18	4	6.0
14	24K14	24	.0201/.508	1.490	.046 x .086/1.17 x 2.18	4	6.0
14	24T14	24	.0201/.508	.753	.046 x .086/1.17 x 2.18	3	4.5

TYPE 17

Single Conductor Insulation

- Extruded Polyvinyl (PVC)

Duplex Conductor Insulation

- Extruded Polyvinyl (PVC)

Temperature Rating

- Continuous: -20 to +221°F (-29 to 105°C)

ANSI Color-Coded

- Yes

Physical Properties

- Abrasion Resistance - Good
- Moisture Resistance - Excellent
- Chemical Resistance - Good

Characteristics

- See page 129

Thermocouple Grade Wire							
Type	Catalog Number	Wire Gauge	Conductor size (in/mm)	Ohms /Dbl. Ft.	Nominal Overall size (in/mm)	Approx. Shipping Weight	
						(lb. /1000 ft)	(Kg/Km)
17	L20E17	20	.0320/.813	.704	.090 x .148/2.29 x 3.76	15	22.3
17	L14J17	14	.0641/1.628	.086	.128 x .244/3.25 x 5.69	37	55.1
17	L16J17	16	.0508/1.290	.137	.111 x .190/2.82 x 4.83	27	40.2
17	L20J17	20	.0320/.813	.357	.090 x .148/2.29 x 3.76	14	20.8
17	L14K17	14	.0641/1.628	.147	.128 x .244/3.25 x 5.69	38	56.5
17	L16K17	16	.0508/1.290	.233	.111 x .190/2.82 x 4.83	37	40.2
17	L20K17	20	.0320/.813	.590	.090 x .148/2.29 x 3.76	14	20.8
17	L16T17	16	.0508/1.290	.118	.111 x .190/2.82 x 4.83	28	41.7
17	L20T17	20	.0320/.813	.298	.090 x .148/2.29 x 3.76	15	22.3