

Series 350 and 355: High Temperature Ceramic Fiberglass

The SERIES 350 uses the ultimate high-temperature flexible insulating system. The ceramic fiber yarn's upper temperature limit often exceeds the melting point of the material it insulates. When an application requires flexible insulation, while pushing Type K or Type N to extreme limits, ceramic fiber insulation is the only choice.

The SERIES 355 construction is a cost-effective, medium insulation build of the popular SERIES 350 heavy-duty construction.



Performance Capabilities

- Continuous temperature rating: 1205°F/2200°C
- Ceramic fiber braided yarn insulation

Applications

- Heat treating
- Oven and furnace survey
- Load thermocouple

Specifications

- Continuous use: 2200°F/1205°C)
- Single use: 2600°F/1430°C)
- Resistance properties
 - Moisture: Fair
 - Chemical: Good
 - Abrasion: Good

Wire Specifications

WIRE TYPE	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)				
350	24	0.020	(0.508)	0.016	(0.406)	0.016	(0.406)	0.088 x 0.132	(2.24) x (3.35)	13	19.4
	20	0.032	(0.813)	0.016	(0.406)	0.016	(0.406)	0.100 x 0.154	(2.54) x (3.91)	16	23.8
	16	0.051	(1.295)	0.016	(0.406)	0.016	(0.406)	0.119 x 0.192	(3.02) x (4.88)	32	47.7
	14	0.064	(1.626)	0.016	(0.406)	0.016	(0.406)	0.132 x 0.218	(3.35) x (5.54)	44	65.6
355	24	0.020	(0.508)	0.012	(0.305)	0.016	(0.406)	0.078 x 0.116	(1.98) x (2.95)	13	19.4
	20	0.032	(0.813)	0.012	(0.305)	0.016	(0.406)	0.090 x 0.138	(2.29) x (3.51)	16	23.8
	16	0.051	(1.295)	0.012	(0.305)	0.016	(0.406)	0.111 x 0.176	(2.82) x (4.47)	32	47.7

Ordering Information

ASTM E 230 Calibration

- K** = Type K
- N** = Type N

AWG (Wire Size)

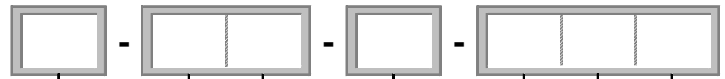
- 24** = 24 gauge solid
- 20** = 20 gauge solid
- 16** = 16 gauge solid
- 14** = 14 gauge solid

Conductor Type / Tolerance

- 1** = Thermocouple grade, Solid / Standard
- 2** = Thermocouple grade, Solid / Special

Insulation Type

- 350** = Heavy build
- 355** = Medium build



Note: Minimum order sizes apply for non-stock construction