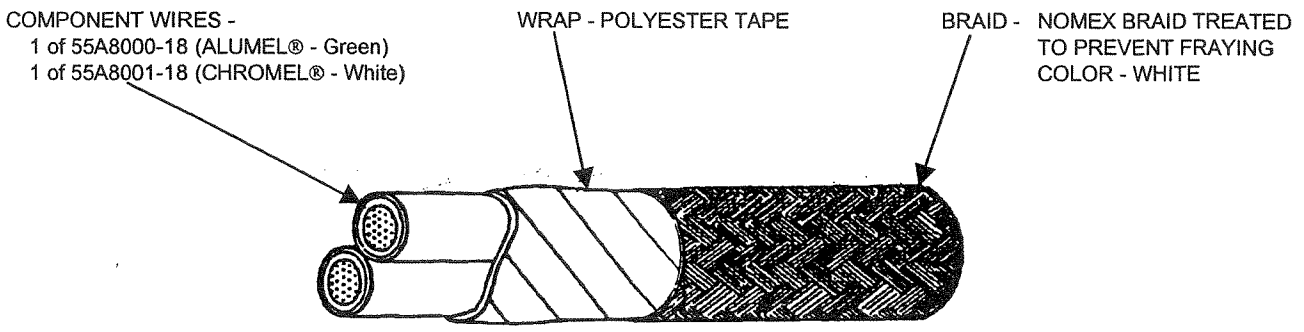
SPECIFICATION CONTROL DRAWING

55A8081

Title	Date	Revision
TWO CONDUCTOR THERMOCOUPLE EXTENSION CABLE	10-31-02	F

This specification sheet forms a part of the latest issue of Raychem Specification 55A.



CABLE CONSTRUCTION DETAILS				
PART NUMBER	CONDUCTOR SIZE (AWG)	OUTSIDE DIAMETER (in.)		MAXIMUM WEIGHT (lb/1000 ft)
		NOMINAL	MAXIMUM	
55A8081-18	18	.158	.164	18.5

CABLE RATINGS AND ADDITIONAL REQUIRMENTS

TEMPERATURE RATING: 150°C
Maximum continuous conductor temperature
DIELECTRIC WITHSTAND: 1500 volts (rms), 60 Hz
FLAMMABILITY: Procedure 1,
30 seconds (maximum); 3 inches (maximum);
no flaming of facial tissue
WRAP: .001 inch (nominal) thickness, 25% (minimum) overlap

PRODUCT IDENTIFICATION: Cable shall be marked on outer surface in black ink at 6 inch (nominal) intervals between marks as follows:
"55A8081-18 - 06090"

The combination of the above thermoelements is referred to as Type KX per ANSI MC96.1.

EMF shall be 4.00 mV (minimum), 4.19 mV (maximum), at 100°C with reference junction corrected to 0°C per ANSI MC96.1, and shall be performed on every length of finished cable.

CHROMEL® and ALUMEL® are federally registered trademarks of Hoskins Manufacturing Company. Alternative conductors, exhibiting the same performance characteristics, may be substituted for one or both of the CHROMEL® and ALUMEL® conductors.

tyco Electronics
Raychem Wire & Cable
501 Oakside Avenue
Redwood City, CA 94063-3800
Telephone: 1-800-227-8816
Facsimile: 1-650-361-6297