



Thermal Solutions Worldwide

SECTION H

Thermocouple, Extension and RTD Wire

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THERMOCOUPLE, EXTENSION AND RTD WIRE

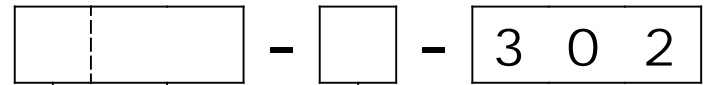
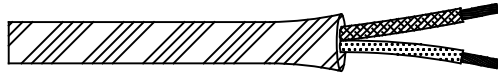
Acrolab Thermocouple, Extension and RTD are manufactured following ISO 9001 standards and all EMF versus temperature calibration procedures follow one or more of the following standards:

- ASTM E 207
- ASTM E 220
- AMS 2750

All testing has NIST traceability and NIST calibration certificates are available upon request. Insulated temperature ranges from -328 to 2350° F (-200 to 1290°C) and tolerances from 0.5° C or ±0.4%

The following pages include a wide range of the commonly used wire types used in various industries. Specialty wire can be manufactured to your exact requirements including colour coding to comply with United States, United Kingdom, German, Japanese and IEC standards. UL listed and PLTC wire is also available.

DOUBLE BRAIDED FIBERGLASS THERMOCOUPLE AND EXTENSION WIRE



CALIBRATION	
CODE	CODE
E	/
J	/
K	/
N	/
S	/
T	/

WIRE GAUGE	
CODE	
20	
24	

CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
1	THERMOCOUPLE GRADE, SOLID WIRE, STANDARD TOLERANCES
2	THERMOCOUPLE GRADE, SOLID WIRE, SPECIAL TOLERANCES
3	THERMOCOUPLE GRADE, STRANDED WIRE, STANDARD TOLERANCES
4	THERMOCOUPLE GRADE, STRANDED WIRE, SPECIAL TOLERANCES
5	EXTENSION GRADE, SOLID WIRE, STANDARD TOLERANCES
6	EXTENSION GRADE, SOLID WIRE, SPECIAL TOLERANCES
7	EXTENSION GRADE, STRANDED WIRE, STANDARD TOLERANCES
8	EXTENSION GRADE, STRANDED WIRE, SPECIAL TOLERANCES

SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING 900° F (480° C)

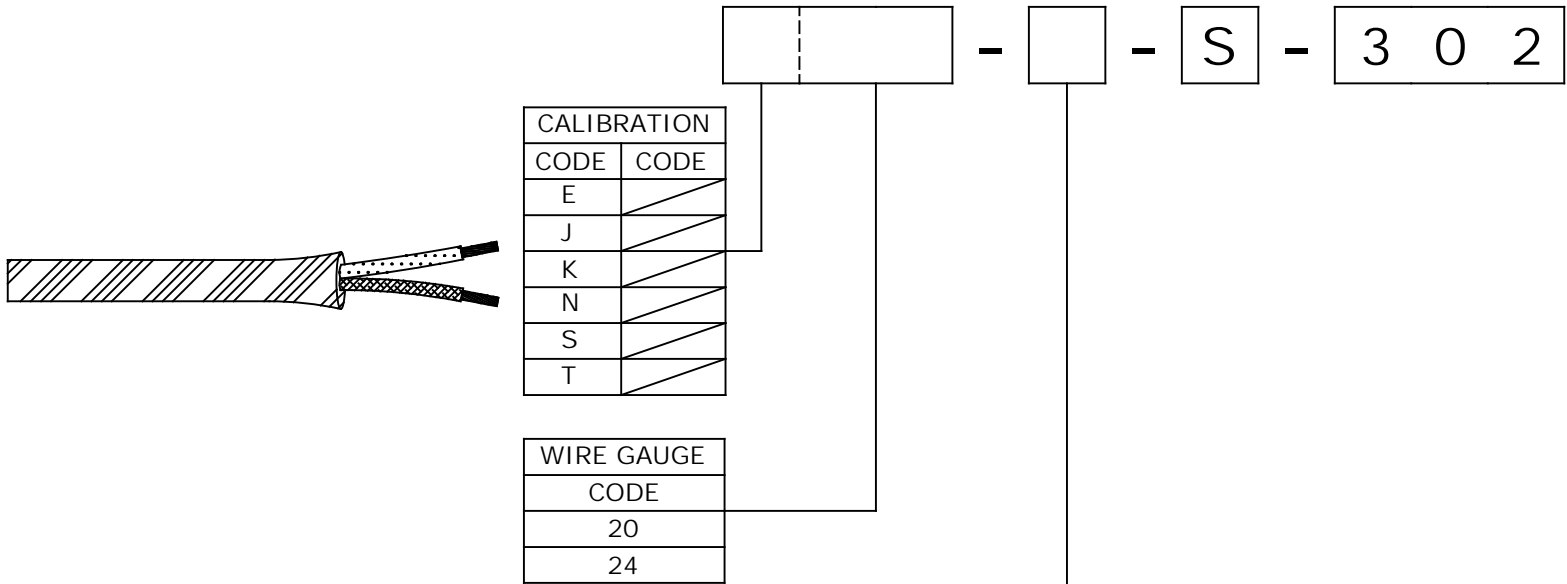
SINGLE READING 1000° F (540° C)

CONSTRUCTION DOUBLE FIBERGLASS BRAID SINGLE CONDUCTOR INSULATION, EACH BRAID IS IMPREGNATED TO ADD ABRASION RESISTANCE AND MINIMIZE FRAYING OF THE FIBROUS GLASS. IMPREGNATION RETAINED TO 400° F (204° C)

APPLICATIONS STEEL AND ALUMINUM PLANTS
HEAT TREATING
GLASS, CERAMIC AND BRICK PLANTS
PLASTIC PROCESSING EQUIPMENT

RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
900° F (480° C)	GOOD	GOOD	GOOD

DOUBLE BRAIDED FIBERGLASS THERMOCOUPLE AND EXTENSION WIRE WITH OVERBRAID



CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
1	THERMOCOUPLE GRADE, SOLID WIRE, STANDARD TOLERANCES
2	THERMOCOUPLE GRADE, SOLID WIRE, SPECIAL TOLERANCES
3	THERMOCOUPLE GRADE, STRANDED WIRE, STANDARD TOLERANCES
4	THERMOCOUPLE GRADE, STRANDED WIRE, SPECIAL TOLERANCES
5	EXTENSION GRADE, SOLID WIRE, STANDARD TOLERANCES
6	EXTENSION GRADE, SOLID WIRE, SPECIAL TOLERANCES
7	EXTENSION GRADE, STRANDED WIRE, STANDARD TOLERANCES
8	EXTENSION GRADE, STRANDED WIRE, SPECIAL TOLERANCES

SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING 900° F (480° C)

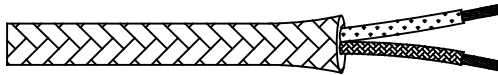
SINGLE READING 1000° F (540° C)

CONSTRUCTION DOUBLE FIBERGLASS BRAID SINGLE CONDUCTOR INSULATION, EACH BRAID IS IMPREGNATED TO ADD ABRASION RESISTANCE AND MINIMIZE FRAYING OF THE FIBROUS GLASS. IMPREGNATION RETAINED TO 400° F (204° C).
STAINLESS STEEL OVERBRAID OVER OUTER INSULATION

APPLICATIONS STEEL AND ALUMINUM PLANTS
HEAT TREATING
GLASS, CERAMIC AND BRICK PLANTS
PLASTIC PROCESSING EQUIPMENT

RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
900° F (480° C)	GOOD	GOOD	EXCELLENT

BRAIDED FIBERGLASS THERMOCOUPLE AND EXTENSION WIRE



CALIBRATION	
CODE	CODE
B	S
C	T
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J	
K	
N	

WIRE GAUGE	
CODE	
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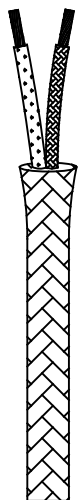
CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
1	THERMOCOUPLE GRADE, SOLID WIRE, STANDARD TOLERANCES
2	THERMOCOUPLE GRADE, SOLID WIRE, SPECIAL TOLERANCES
3	THERMOCOUPLE GRADE, STRANDED WIRE, STANDARD TOLERANCES
4	THERMOCOUPLE GRADE, STRANDED WIRE, SPECIAL TOLERANCES
5	EXTENSION GRADE, SOLID WIRE, STANDARD TOLERANCES
6	EXTENSION GRADE, SOLID WIRE, SPECIAL TOLERANCES
7	EXTENSION GRADE, STRANDED WIRE, STANDARD TOLERANCES
8	EXTENSION GRADE, STRANDED WIRE, SPECIAL TOLERANCES

SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING	900° F (480° C)
SINGLE READING	1000° F (540° C)
CONSTRUCTION	FIBERGLASS BRAIDED SINGLE CONDUCTOR AND DUPLEX INSULATION, EACH BRAID IS IMPREGNATED WITH MODIFIED RESIN TO ADD ABRASION RESISTANCE FRAYING OF THE FIBROUS GLASS. IMPREGNATION RETAINED TO 400° F (204° C)
APPLICATIONS	STEEL AND ALUMINUM PLANTS HEAT TREATING GLASS, CERAMIC AND BRICK PLANTS

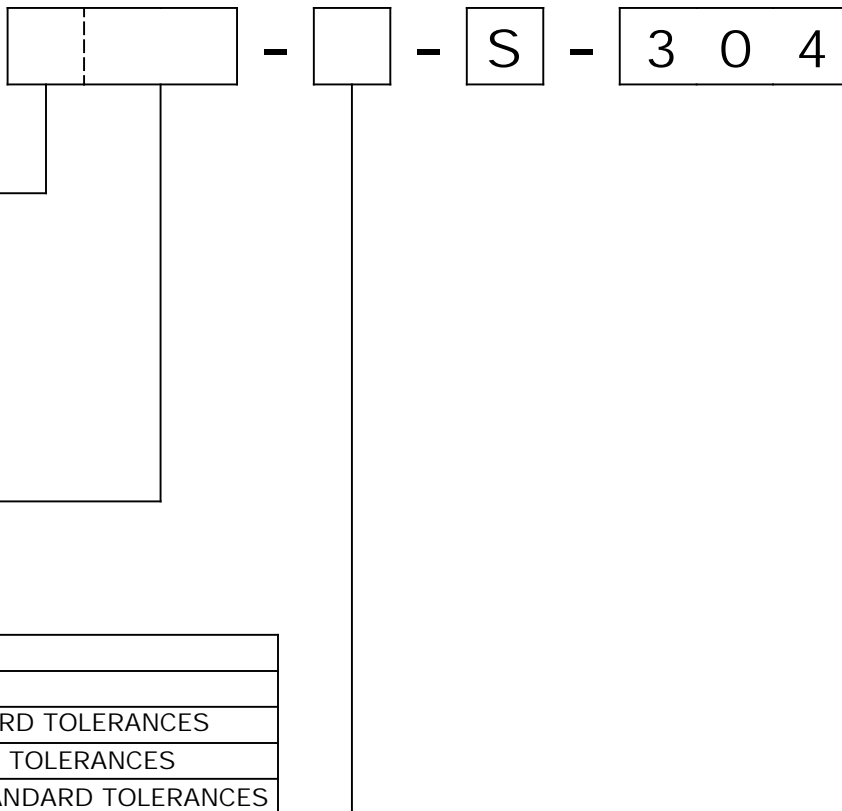
RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
900° F (480° C)	GOOD	GOOD	FAIR

BRAIDED FIBERGLASS THERMOCOUPLE AND EXTENSION WIRE WITH OVERBRAID



CALIBRATION	
CODE	CODE
B	S
C	T
E	
J	
K	
N	

WIRE GAUGE
CODE
20
24
28
30



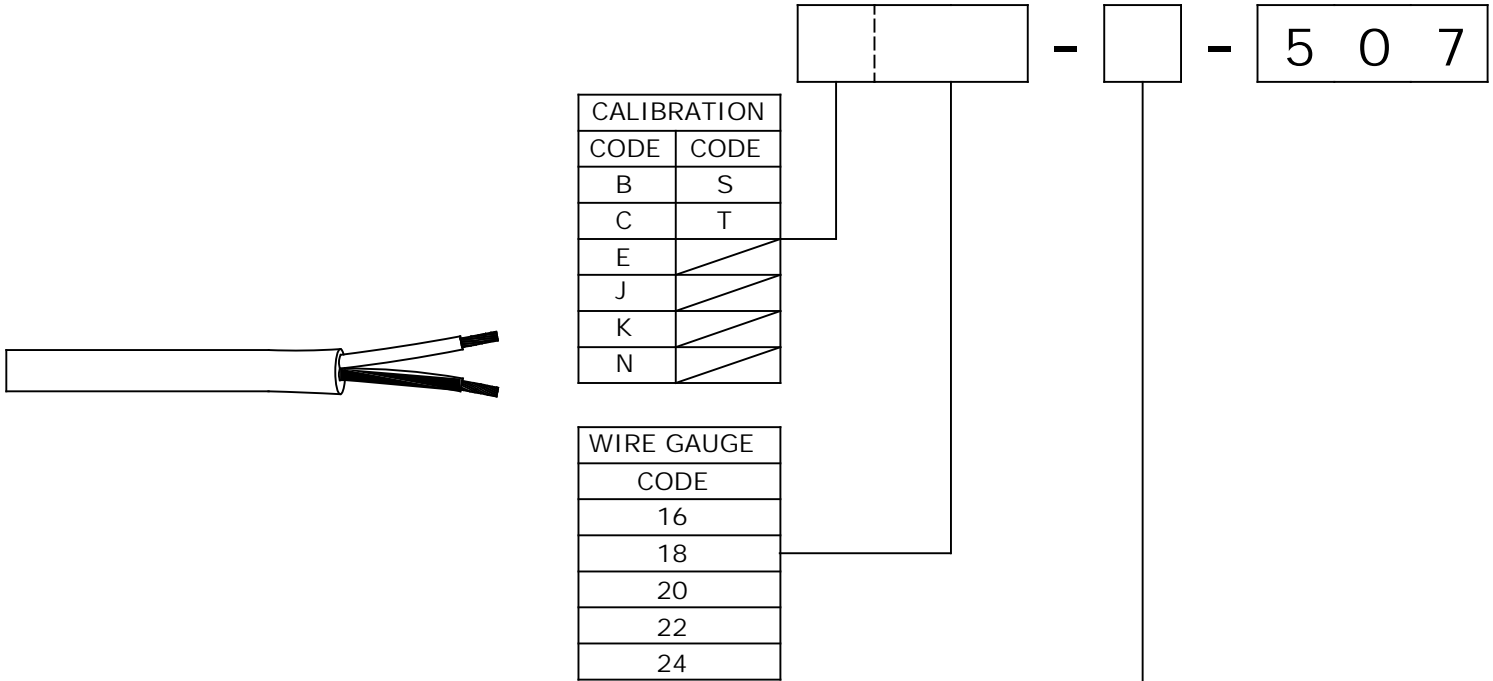
CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
1	THERMOCOUPLE GRADE, SOLID WIRE, STANDARD TOLERANCES
2	THERMOCOUPLE GRADE, SOLID WIRE, SPECIAL TOLERANCES
3	THERMOCOUPLE GRADE, STRANDED WIRE, STANDARD TOLERANCES
4	THERMOCOUPLE GRADE, STRANDED WIRE, SPECIAL TOLERANCES
5	EXTENSION GRADE, SOLID WIRE, STANDARD TOLERANCES
6	EXTENSION GRADE, SOLID WIRE, SPECIAL TOLERANCES
7	EXTENSION GRADE, STRANDED WIRE, STANDARD TOLERANCES
8	EXTENSION GRADE, STRANDED WIRE, SPECIAL TOLERANCES

SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING	900° F (480° C)
SINGLE READING	1000° F (540° C)
CONSTRUCTION	FIBERGLASS BRAIDED SINGLE CONDUCTOR AND DUPLEX INSULATION, EACH BRAID IS IMPREGNATED WITH MODIFIED RESIN TO ADD ABRASION RESISTANCE FRAYING OF THE FIBROUS GLASS. IMPREGNATION RETAINED TO 400° F (204° C) STAINLESS STEEL OVERBRAID OVER OUTER INSULATION
APPLICATIONS	STEEL AND ALUMINUM PLANTS HEAT TREATING GLASS, CERAMIC AND BRICK PLANTS

RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
900° F	GOOD	GOOD	EXCELLENT

FEP INSULATED THERMOCOUPLE AND EXTENSION WIRE



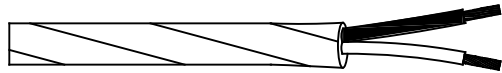
CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
1	THERMOCOUPLE GRADE, SOLID WIRE, STANDARD TOLERANCES
2	THERMOCOUPLE GRADE, SOLID WIRE, SPECIAL TOLERANCES
3	THERMOCOUPLE GRADE, STRANDED WIRE, STANDARD TOLERANCES
4	THERMOCOUPLE GRADE, STRANDED WIRE, SPECIAL TOLERANCES
5	EXTENSION GRADE, SOLID WIRE, STANDARD TOLERANCES
6	EXTENSION GRADE, SOLID WIRE, SPECIAL TOLERANCES
7	EXTENSION GRADE, STRANDED WIRE, STANDARD TOLERANCES
8	EXTENSION GRADE, STRANDED WIRE, SPECIAL TOLERANCES

SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING	400° F (204° C)
SINGLE READING	500° F (260° C)
CONSTRUCTION	EXTRUDED FEP SINGLE CONDUCTOR AND DUPLEX INSULATION FOR EXCELLENT PROTECTION.
APPLICATIONS	AEROSPACE INDUSTRIAL EQUIPMENT TESTING

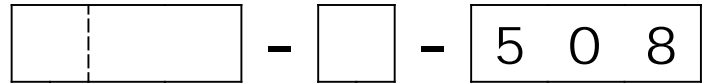
RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
400° F (204° C)	EXCELLENT	EXCELLENT	EXCELLENT

TFE TAPE INSULATED THERMOCOUPLE AND EXTENSION WIRE



CALIBRATION	
CODE	CODE
B	S
C	T
E	/
J	/
K	/
N	/

WIRE GAUGE
CODE
16
18
20
24
26



CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
1	THERMOCOUPLE GRADE, SOLID WIRE, STANDARD TOLERANCES
2	THERMOCOUPLE GRADE, SOLID WIRE, SPECIAL TOLERANCES
3	THERMOCOUPLE GRADE, STRANDED WIRE, STANDARD TOLERANCES
4	THERMOCOUPLE GRADE, STRANDED WIRE, SPECIAL TOLERANCES
5	EXTENSION GRADE, SOLID WIRE, STANDARD TOLERANCES
6	EXTENSION GRADE, SOLID WIRE, SPECIAL TOLERANCES
7	EXTENSION GRADE, STRANDED WIRE, STANDARD TOLERANCES
8	EXTENSION GRADE, STRANDED WIRE, SPECIAL TOLERANCES

SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING	500° F (260° C)
SINGLE READING	600° F (315° C)
CONSTRUCTION	FUSED TFE TAPE SINGLE CONDUCTOR AND DUPLEX INSULATION TO ELIMINATE CONCENTRICITY PROBLEMS
APPLICATIONS	AIRCRAFT COMPOSITE BONDING PETROLEUM PLANTS

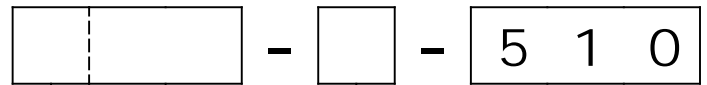
RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
500° F (260° C)	EXCELLENT	EXCELLENT	GOOD

PVC INSULATED AND SHIELDED THERMOCOUPLE AND EXTENSION WIRE



CALIBRATION	
CODE	CODE
B	S
C	T
E	
J	
K	
N	

WIRE GAUGE
CODE
14
16
18
20
24



CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
1	THERMOCOUPLE GRADE, SOLID WIRE, STANDARD TOLERANCES
2	THERMOCOUPLE GRADE, SOLID WIRE, SPECIAL TOLERANCES
3	THERMOCOUPLE GRADE, STRANDED WIRE, STANDARD TOLERANCES
4	THERMOCOUPLE GRADE, STRANDED WIRE, SPECIAL TOLERANCES
5	EXTENSION GRADE, SOLID WIRE, STANDARD TOLERANCES
6	EXTENSION GRADE, SOLID WIRE, SPECIAL TOLERANCES
7	EXTENSION GRADE, STRANDED WIRE, STANDARD TOLERANCES
8	EXTENSION GRADE, STRANDED WIRE, SPECIAL TOLERANCES

SPECIFICATIONS

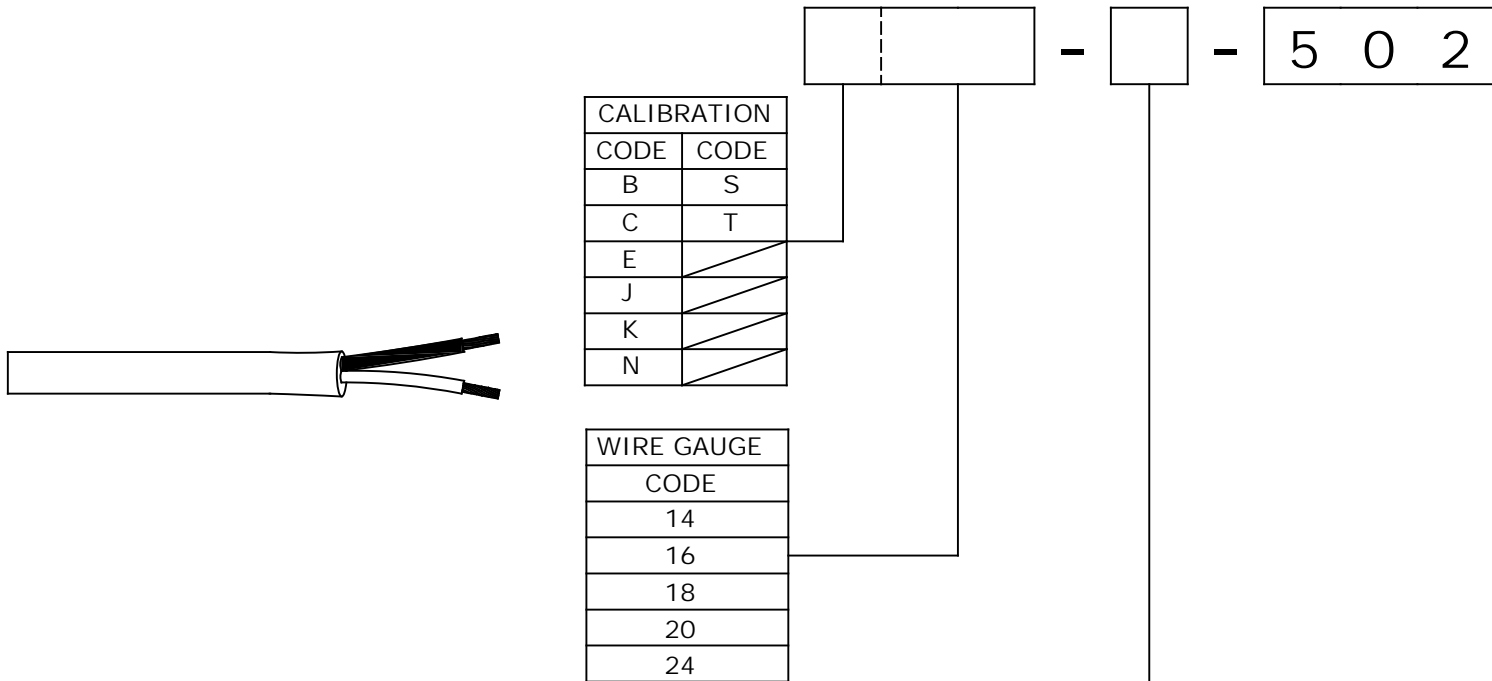
CONTINUOUS TEMPERATURE RATING 220° F (105° C)

SINGLE READING N/A

CONSTRUCTION EXTRUDED PVC SINGLE CONDUCTOR DUPLEX INSULATION FOR EXCELLENT PROTECTION. ALUMINUM / POLYESTER SHIELD WITH DRAIN WIRE.

RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
220° F (105° C)	EXCELLENT	GOOD	GOOD

PVC INSULATED THERMOCOUPLE AND EXTENSION WIRE



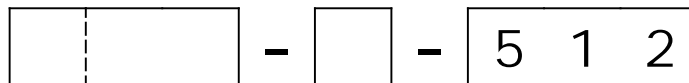
CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
1	THERMOCOUPLE GRADE, SOLID WIRE, STANDARD TOLERANCES
2	THERMOCOUPLE GRADE, SOLID WIRE, SPECIAL TOLERANCES
3	THERMOCOUPLE GRADE, STRANDED WIRE, STANDARD TOLERANCES
4	THERMOCOUPLE GRADE, STRANDED WIRE, SPECIAL TOLERANCES
5	EXTENSION GRADE, SOLID WIRE, STANDARD TOLERANCES
6	EXTENSION GRADE, SOLID WIRE, SPECIAL TOLERANCES
7	EXTENSION GRADE, STRANDED WIRE, STANDARD TOLERANCES
8	EXTENSION GRADE, STRANDED WIRE, SPECIAL TOLERANCES

SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING	220° F (105° C)
SINGLE READING	N/A
CONSTRUCTION	EXTRUDED PVC SINGLE CONDUCTOR AND DUPLEX INSULATION FOR EXCELLENT MOISTURE RESISTANCE
APPLICATIONS	LABORATORIES INDUSTRIAL EQUIPMENT TESTING AUTOMOTIVE

RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
220° F (105° C)	EXCELLENT	EXCELLENT	EXCELLENT

POLYIMIDE INSULATED THERMOCOUPLE AND EXTENSION WIRE



CALIBRATION	
CODE	CODE
E	/
J	/
K	/
N	/
T	/
/	/

WIRE GAUGE	
CODE	
16	
20	
24	
30	

CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
1	THERMOCOUPLE GRADE, SOLID WIRE, STANDARD TOLERANCES
2	THERMOCOUPLE GRADE, SOLID WIRE, SPECIAL TOLERANCES
3	THERMOCOUPLE GRADE, STRANDED WIRE, STANDARD TOLERANCES
4	THERMOCOUPLE GRADE, STRANDED WIRE, SPECIAL TOLERANCES
5	EXTENSION GRADE, SOLID WIRE, STANDARD TOLERANCES
6	EXTENSION GRADE, SOLID WIRE, SPECIAL TOLERANCES
7	EXTENSION GRADE, STRANDED WIRE, STANDARD TOLERANCES
8	EXTENSION GRADE, STRANDED WIRE, SPECIAL TOLERANCES

SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING 600° F (315° C)

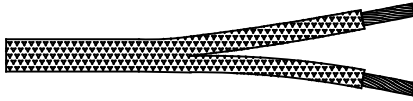
SINGLE READING 800°F (430°C)

CONSTRUCTION FUSED POLYIMIDE TAPE SINGLE CONDUCTOR AND DUPLEX INSULATION FOR EXCELLENT PROTECTION.

APPLICATIONS
 PETROCHEMICAL PLANTS
 GLASS, CERAMIC AND BRICK MANUFACTURING
 ELECTRIC POWER PLANTS
 CRYOGENIC APPLICATIONS
 AEROSPACE INDUSTRY

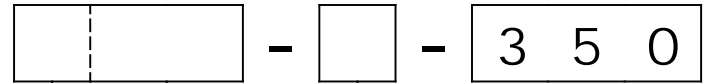
RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
600° F (315° C)	EXCELLENT	EXCELLENT	EXCELLENT

HIGH TEMPERATURE CERAMIC FIBER THERMOCOUPLE WIRE



CALIBRATION	
CODE	CODE
E	/
J	/
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N	/
/	/
/	/

WIRE GAUGE	
CODE	
16	
16	
18	
20	
24	



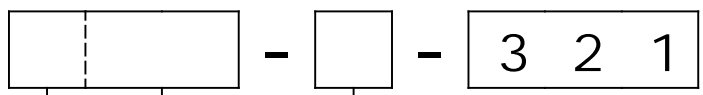
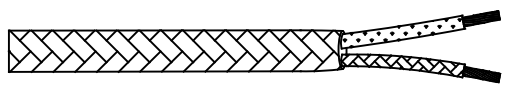
CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
1	THERMOCOUPLE GRADE, SOLID WIRE, STANDARD TOLERANCES
2	THERMOCOUPLE GRADE, SOLID WIRE, SPECIAL TOLERANCES
3	THERMOCOUPLE GRADE, STRANDED WIRE, STANDARD TOLERANCES
4	THERMOCOUPLE GRADE, STRANDED WIRE, SPECIAL TOLERANCES

SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING	2200° F (1205° C)
SINGLE READING	2600° F (1430° C)
CONSTRUCTION	CERAMIC FIBER BRAID SINGLE CONDUCTOR AND DUPLEX INSULATION. NO IMPREGNATION FOR CONTAMINATION-FREE OPERATION.
APPLICATIONS	STEEL AND ALUMINUM PLANTS HEAT TREATING

RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
2200° F (1205° C)	FAIR	GOOD	GOOD

HIGH TEMPERATURE BRAIDED FIBERGLASS THERMOCOUPLE AND EXTENSION WIRE



CALIBRATION	
CODE	CODE
E	
J	
K	
N	
T	

WIRE GAUGE	
CODE	
14	
16	
18	
20	
24	

CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
1	THERMOCOUPLE GRADE, SOLID WIRE, STANDARD TOLERANCES
2	THERMOCOUPLE GRADE, SOLID WIRE, SPECIAL TOLERANCES
3	THERMOCOUPLE GRADE, STRANDED WIRE, STANDARD TOLERANCES
4	THERMOCOUPLE GRADE, STRANDED WIRE, SPECIAL TOLERANCES
5	EXTENSION GRADE, SOLID WIRE, STANDARD TOLERANCES
6	EXTENSION GRADE, SOLID WIRE, SPECIAL TOLERANCES
7	EXTENSION GRADE, STRANDED WIRE, STANDARD TOLERANCES
8	EXTENSION GRADE, STRANDED WIRE, SPECIAL TOLERANCES

SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING 1300° F (705° C)

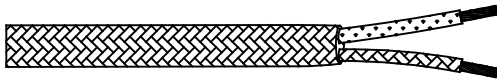
SINGLE READING 1600° F (870° C)

CONSTRUCTION HIGH TEMPERATURE FIBERGLASS BRAID SINGLE CONDUCTOR INSULATION IMPREGNATED WITH MODIFIED RESIN FOR ADDED ABRASION RESISTANCE. IMPREGNATION RETAINED TO 400° F (204° C)

APPLICATIONS LABORATORIES
 INDUSTRIAL EQUIPMENT TESTING
 AUTOMOTIVE

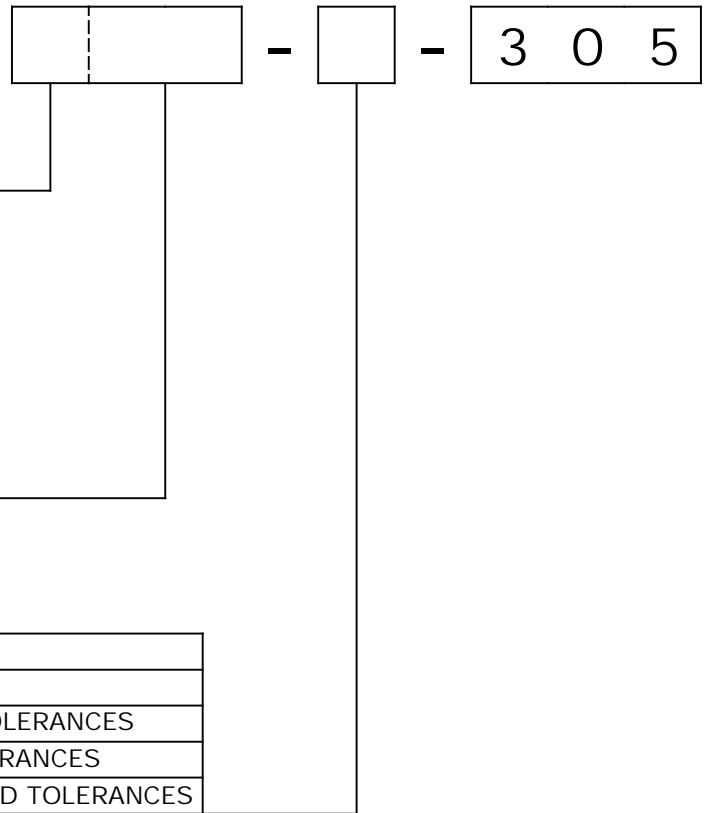
RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
1300° F (705° C)	GOOD	GOOD	GOOD

FIBERGLASS WRAPPED THERMOCOUPLE AND EXTENSION WIRE



CALIBRATION	
CODE	CODE
B	S
C	T
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WIRE GAUGE
CODE
16
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24
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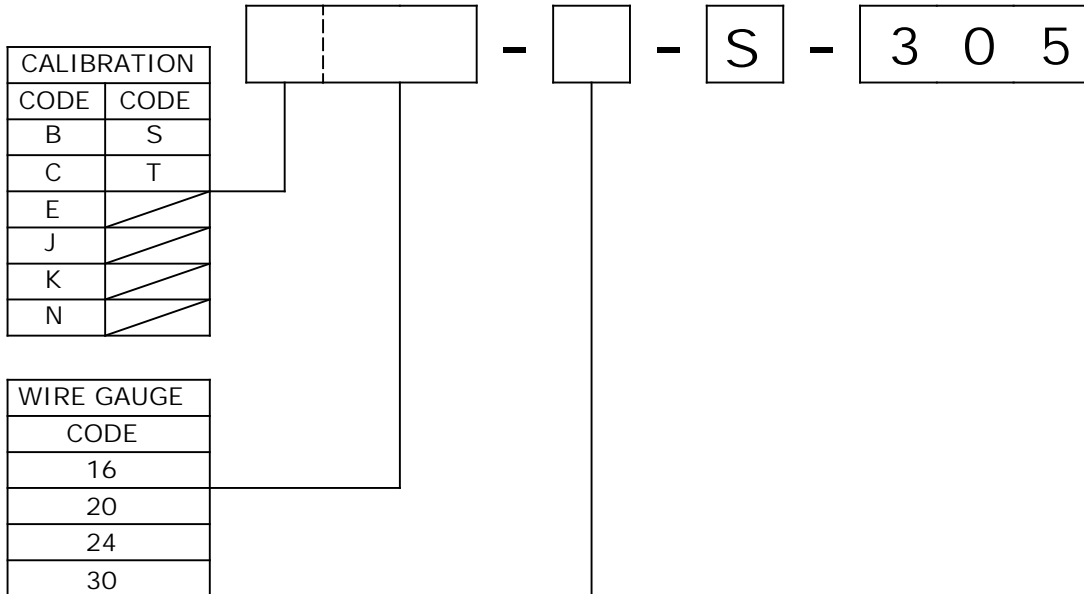
CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
1	THERMOCOUPLE GRADE, SOLID WIRE, STANDARD TOLERANCES
2	THERMOCOUPLE GRADE, SOLID WIRE, SPECIAL TOLERANCES
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5	EXTENSION GRADE, SOLID WIRE, STANDARD TOLERANCES
6	EXTENSION GRADE, SOLID WIRE, SPECIAL TOLERANCES
7	EXTENSION GRADE, STRANDED WIRE, STANDARD TOLERANCES
8	EXTENSION GRADE, STRANDED WIRE, SPECIAL TOLERANCES

SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING	900° F (480° C)
SINGLE READING	1000° F (540° C)
CONSTRUCTION	DOUBLE FIBERGLASS WRAP SINGLE CONDUCTOR INSULATION, IMPREGNATED WITH MODIFIED RESIN TO ADD ABRASION RESISTANCE AND ENHANCE ELECTRICAL PROPERTIES. IMPREGNATION RETAINED TO 400° F (204° C)
APPLICATIONS	STEEL AND ALUMINUM PLANTS HEAT TREATING GLASS, CERAMIC AND BRICK PLANTS FOUNDRIES

RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
900° F	GOOD	GOOD	FAIR

BRAIDED FIBERGLASS THERMOCOUPLE AND EXTENSION WIRE WITH OVERBRAID



CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
1	THERMOCOUPLE GRADE, SOLID WIRE, STANDARD TOLERANCES
2	THERMOCOUPLE GRADE, SOLID WIRE, SPECIAL TOLERANCES
3	THERMOCOUPLE GRADE, STRANDED WIRE, STANDARD TOLERANCES
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5	EXTENSION GRADE, SOLID WIRE, STANDARD TOLERANCES
6	EXTENSION GRADE, SOLID WIRE, SPECIAL TOLERANCES
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8	EXTENSION GRADE, STRANDED WIRE, SPECIAL TOLERANCES

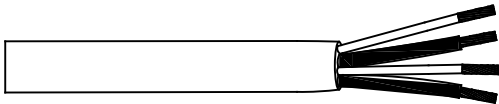
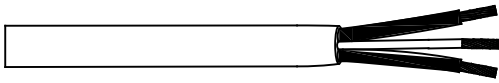
SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING	900° F (480° C)
SINGLE READING	1000° F (540° C)
CONSTRUCTION	DOUBLE FIBERGLASS WRAP SINGLE CONDUCTOR INSULATION, IMPREGNATED WITH MODIFIED RESIN TO ADD ABRASION RESISTANCE AND ENHANCE ELECTRICAL PROPERTIES. IMPREGNATION RETAINED TO 400° F (204° C) STAINLESS STEEL OVERBRAID OVER OUTER INSULATION
APPLICATIONS	STEEL AND ALUMINUM PLANTS HEAT TREATING GLASS, CERAMIC AND BRICK PLANTS FOUNDRIES

RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
900° F	GOOD	GOOD	EXCELLENT

FEP INSULATED RTD LEADWIRE

RT - [] - [] - [] - 704



NUMBER OF CONDUCTORS	
CODE	DESCRIPTION
2	ONE RED, ONE WHITE
3	TWO RED, TWO WHITE
4	TWO RED, TWO WHITE

WIRE GAUGE	
CODE	
20	
22	
24	

CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
6	STRANDED SILVER PLATED COPPER
8	STRANDED NICKEL PLATED COPPER

SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING 400° F (204° C)

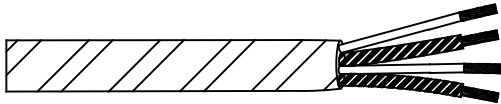
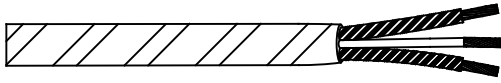
SINGLE READING 500° F (260° C)

CONSTRUCTION EXTRUDED PVC SINGLE CONDUCTOR AND OVERALL INSULATION FOR PROTECTION. TWISTED CONDUCTORS FOR REDUCED ELECTRICAL INTERFERENCE.

RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
400° F (204° C)	EXCELLENT	EXCELLENT	EXCELLENT

FIBERGLASS BRAIDED RTD LEADWIRE

RT - [] - [] - [] - 705



NUMBER OF CONDUCTORS	
CODE	DESCRIPTION
2	ONE RED, ONE WHITE
3	TWO RED, TWO WHITE
4	TWO RED, TWO WHITE

WIRE GAUGE	
CODE	
20	
22	
24	

CONDUCTOR TYPE / TOLERANCE	
CODE	DESCRIPTION
6	STRANDED SILVER PLATED COPPER
8	STRANDED NICKEL PLATED COPPER

SPECIFICATIONS

CONTINUOUS TEMPERATURE RATING 900° F (480° C)

SINGLE READING 1000° F (540° C)

CONSTRUCTION FIBERGLASS BRAIDED SINGLE CONDUCTOR AND OVERAL INSULATION IMPREGNATED WITH MODIFIED RESIN FOR PROTECTION. TWISTED CONDUCTORS FOR REDUCED ELECTRICAL INTERFERENCE.

RESISTANCE PROPERTIES			
TEMP.	MOISTURE	CHEMICAL	ABRASION
900° F (480° C)	GOOD	GOOD	FAIR