

WIRE & CABLE

S - OVERBRAID

STAINLESS STEEL OVERBRAID

Is a round wire braid metal covering available for use with insulated thermocouple wire. This covering is designed for use at high temperature and offers excellent cut-thru, abrasion and chemical resistance.

PERFORMANCE FEATURES

- High resistance to abrasion and mechanical damage
- Provides superior tensile strength
- Protects against longitudinal stress in vertical installations
- Highly resistant to corrosives
- Color tracer for calibration identification available

TO ORDER WIRE WITH A STAINLESS STEEL OVERBRAID
ADD "S" TO THE ORDER CODE:

EXAMPLE: G/GS-20F-JJ



ARMOR TUBING

FLEXIBLE ARMOR TUBING

Used as conduit for any type of wire, Stainless Steel interlocking armor is constructed for flexibility and strength. Supplied cut to length and coiled.



ORDERING CODE	NOM. INSIDE DIAMETER	OUTSIDE DIAMETER	INSIDE DIAMETER	ARMOR TYPE
TU1068-4:1/8"	1/8" (.125)	.190"/.195"	.128"/.140"	SQUARE LOCK
TU1068-2: 3/16"	3/16" (.187)	.270"/.282"	.190"/.202"	SQUARE LOCK
TU1068-1:1/4"	1/4" (.25)	.340"/.360"	.255"/.265"	INTERLOCKING
TU1068-3: 5/16"	5/16" (.313)	.416"/.428"	.316"/.328"	SQUARE LOCK
TU1068-6: 3/8"	3/8" (.375)	.480"/.492"	.380"/.392"	SQUARE LOCK
TU1068-7:1/2"	1/2" (.50)	.632"/.642"	.493"/.507"	SQUARE LOCK

RTD WIRE

TEFLON INSULATED RTD WIRE, SINGLES

ORDERING CODE	CONDUCTOR SIZE (AWG)	INSULATION COLOR	NOMINAL LOOP RESISTANCE*
W-TEX-24F-NICU-RED	24 STRANDED	RED	25.1
W-TEX-24F-NICU-WHT	24 STRANDED	WHITE	25.1

400°F (205°C)

TEFLON® (FEP) or Equivalent INSULATION

Individual nickel clad copper conductors are insulated with extruded FEP Teflon or equivalent. Conductors with overall jacket twisted and insulated with extruded FEP Teflon or equivalent.

TEFLON INSULATED RTD WIRE, TWISTED, JACKETED

ORDERING CODE	NUMBER of CONDUCTORS	CONDUCTOR SIZE (AWG)	INSULATION COLOR	JACKET COLOR	NOMINAL LOOP RESISTANCE*
W-TEX/TEXTW-24F-3NICU	3	24 STRANDED	2 RED, 1WHITE	WHITE	25.1
W-TEX/TEXTW-24F-4NICU	4	24 STRANDED	2 RED, 2 WHITE	WHITE	25.1
W-TEX/TEXTW-24F-6NICU	6	24 STRANDED	4 RED, 2 WHITE	WHITE	25.1

FIBERGLASS INSULATED RTD WIRE, SINGLES

ORDERING CODE	CONDUCTOR SIZE (AWG)	INSULATION COLOR	NOMINAL LOOP RESISTANCE*
W-G-24F-NICU-RED	24 STRANDED	RED	25.1
W-G-24F-NICU-WHT	24 STRANDED	WHITE	25.1

950°F (510°C)

FIBERGLASS INSULATION

Individual nickel clad copper conductors are insulated with a fiberglass braid which is saturated with a resin to improve abrasion resistance and reduce fraying. Conductors with overall jacket twisted and insulated with an overall fiberglass jacket and a final impregnation of resin.

FIBERGLASS INSULATED RTD WIRE, TWISTED, JACKETED

ORDERING CODE	NUMBER of CONDUCTORS	CONDUCTOR SIZE (AWG)	INSULATION COLOR	JACKET COLOR	NOMINAL LOOP RESISTANCE*
W-G/GTW-24F-3NICU	3	24 STRANDED	2 RED, 1WHITE	WHITE	25.1
W-G/GTW-24F-4NICU	4	24 STRANDED	2 RED, 2 WHITE	WHITE	25.1
W-G/GTW-24F-6NICU	6	24 STRANDED	4 RED, 2 WHITE	WHITE	25.1

* Nominal Resistance in OHMS per 1,000 Ft. @ 68° F (20° C).



TEMPERATURE MEASUREMENT DESIGNER'S GUIDE
WWW.THERMO-ELECTRIC-DIRECT.COM

SECTION - WIRE

STAINLESS STEEL OVERBRAID,
INTERLOCKING ARMOR, RTD WIRE

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