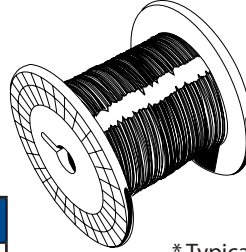


Thermocouple Wire



CLEVELAND ELECTRIC LABORATORIES
Thermocouples & Sensing Solutions since 1920

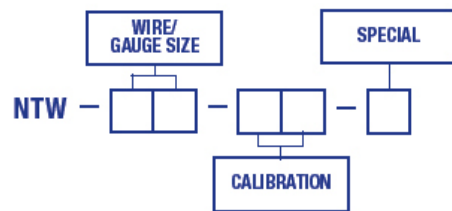
- CEL offers Noble Metal Thermocouple wire in bulk form
- Available in Standard and Reference Grade
- Consult factory for special requirements



Noble Thermocouple Wire (NTW)

WIRE/GAUGE SIZE		CALIBRATION	SPECIAL
32 - 32 AWG (.008)	22 - 22 AWG (.025)	OP - Pure Platinum Wire	0 - None
30 - 30 AWG (.010)	21 - 21 AWG (.028)	06 - Platinum-6% Rhodium Wire	F - Stabilized
28 - 28 AWG (.013)	20 - 20 AWG (.032)	10 - Platinum-10% Rhodium Wire	S - Special Limits
27 - 27 AWG (.014)	18 - 18 AWG (.040)	13 - Platinum-13% Rhodium Wire	C - Certified
26 - 26 AWG (.016)	17 - 17 AWG (.045)	30 - Platinum-30% Rhodium Wire	
24 - 24 AWG (.020)	15 - 15 AWG (.060)		
23 - 23 AWG (.023)	08 - 8 AWG (.125)		

* Typically sold in inch Quantities



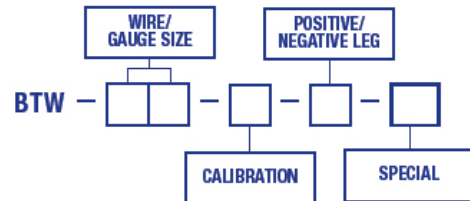
Bare Thermocouple Wire (BTW)

WIRE/GAUGE SIZE		CALIBRATION	POSITIVE/ NEGATIVE LEG	SPECIAL
32 - 32 AWG	18 - 18 AWG	N - Nicrosil-Nisil	P - Positive Leg N - Negative Leg	0 - None S - Special Limits C - Certified
30 - 30 AWG	17 - 17 AWG	J - Iron-Constantan		
28 - 28 AWG	16 - 16 AWG	K - Chromel-Alumel		
27 - 27 AWG	14 - 14 AWG	T - Copper-Constantan		
26 - 26 AWG	11 - 11 AWG	E - Chromel-Constantan		
24 - 24 AWG	09 - 9 AWG	C - 5% Re-W 26% Re		
23 - 23 AWG	08 - 8 AWG	M** - Ni/Ni Moly		
22 - 22 AWG	02 - 2 AWG			
20 - 20 AWG				

* Typically sold in pound Quantities

** CEL identification only - None Established.

Nickel 0.8% Cobalt/Nickel 18% Moly



Insulated Survey Thermocouple (IST)

CALIBRATION	GAUGE	STD/SPEC LIM SOLID/STD	INSULATION TYPE	LENGTH	TERMINATION	CERTIFICATION
J - Iron-Constantan K - Chromel-Alumel N - Nicrosil-Nisil T - Copper-Constantan	14 - 14 AWG 16 - 16 AWG 20 - 20 AWG 24 - 24 AWG 28 - 28 AWG 30 - 30 AWG	1 - Solid STD Limits 2 - Solid Special Limits	232 - HiTemp GL BR/HiTemp GL BR 301 - VIT SIL FIB/VIT SIL FIB 304 - Glass Braid/Glass Braid 332 - HiTemp GL BR/HiTemp GL BRD 350 - Ceramic Fibr/Ceramic Fibr 507 - FEP Extruded/FEP Extruded	000 - 999	01 - 1" Strip 02 - Std. Male Plug 03 - Hi-Temp Male Plug 04 - Mini Plug 05 - Std. Jack 06 - Hi-Temp Jack XX - Special	0 - None C - Std. Points X - Special Points

