

Thermocouple Wire - Duplex Extension Grade

Copper/Constantan Duplex ANSI Type TX

ANSI Color Code: Positive Wire, Blue; Negative Wire, Red; Overall, Blue



Insulation	Model #	AWG	Type Wire	Insulation		Max. Temp*		Nominal Size	Wt. kg/300m (lb/1000')†
				Conductor	Overall	°F	°C		
PFA	EXTT-T-16	16	Solid	PFA		212	100	.086 x .152	8 (16)
	EXTT-T-20	20						.068 x .116	4 (9)
	EXTT-T-24	24						.056 x .092	3 (6)
Polyvinyl	EXPP-T-14	14	Solid	Polyvinyl		212	100	.134 x .288	13 (29)
	EXPP-T-16	16	Solid					.123 x .207	10 (22)
	EXPP-T-20	20	Solid					.095 x .151	6 (12)
	EXPP-T-20S	24	7 X 28					.123 x .175	6 (12)
	EXPP-T-24	20	Solid					.075 x .120	2 (3)
FEP	EXFF-T-16	16	Solid	FEP		212	100	.086 x .152	8 (16)
	EXFF-T-20	20						.068 x .116	4 (9)
	EXFF-T-24	24						.056 x .092	3 (6)

*Maximum temperature is for extension grade wire or insulation, whichever is lower.

†Weight of spool and wire, rounded up to the next highest lb.



NEWPORT will overbraid any thermocouple wire with Inconel 600, 304 SS or tinned copper overbraiding. Both Inconel 600 and SS add durability and abrasion protection.

Part Number	Description
EXPP-T-20-100	100 foot spool of extension grade thermocouple wire, type T, 20 gage, Polyvinyl over Polyvinyl insulation
EXPP-T-20S-200	200 foot spool of extension grade thermocouple wire, type T, stranded 20 gage, Polyvinyl over Polyvinyl insulation
EXTT-T-16-50	50 foot spool of extension grade thermocouple wire, type T, 16 gage, PFA over PFA insulation
EXFF-T-24-1000	1000 foot spool of extension grade thermocouple wire, type T, 24 gage, PFA over PFA insulation

Part Number Builder

(1) **(2)** **(3)**
EX TT -T- 20 - 25

Option Descriptions

(1) Insulation

Select

TT for Neoflon PFA

PP for Polyvinyl

FF for Neoflon FEP

(2) Wire Gauge

Select

20 for 20 AWG (Avail TT PP FF)

20S for 20 AWG Stranded (Avail PP only)

24 for 24 AWG (Avail TT PP FF)

16 for 16 AWG (Avail TT PP FF)

14 for 14 AWG (Avail PP only)

(3) Spool Length in Feet

Select

25 for 25 Ft

50 for 50 Ft

100 for 100 Ft

200 for 200 Ft

500 for 500 Ft

1000 for 1000 Ft

NOTE: All combinations may not be valid, check spec sheet for valid part numbers.