

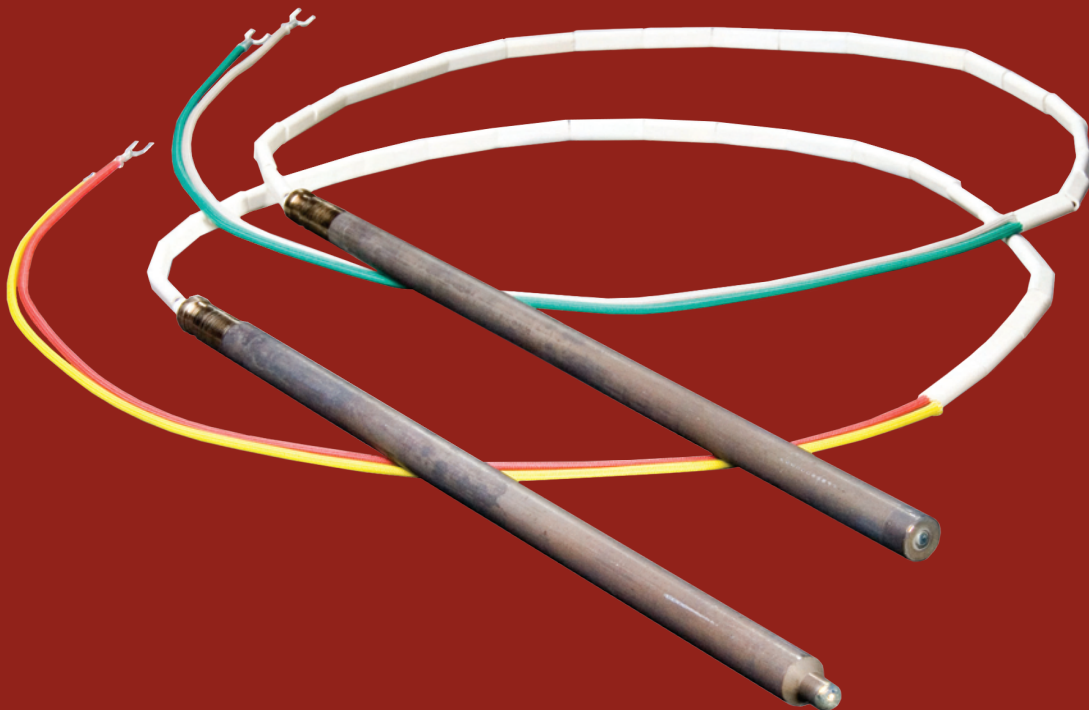


# L.H. MARSHALL THERMOCOUPLES™



DISTRIBUTED BY:

# MARSHALL THERMOCOUPLES™



## MARSHALL THERMOCOUPLE™

The L.H. Marshall Company invented and patented the enclosed tip Thermocouple™ over 80 years ago. Over 10 million Marshall Thermocouples have been sold worldwide for precision temperature measurement. Marshall Thermocouples are reusable, durable, accurate and are a quality product engineered to meet the industry standards for temperature measurement of molten metals.

Scientific research and development at one of America's leading research facilities has led to innovations in steel composition of the Marshall protection tubes resulting in the longest lasting, multiuse thermocouple in the industry.

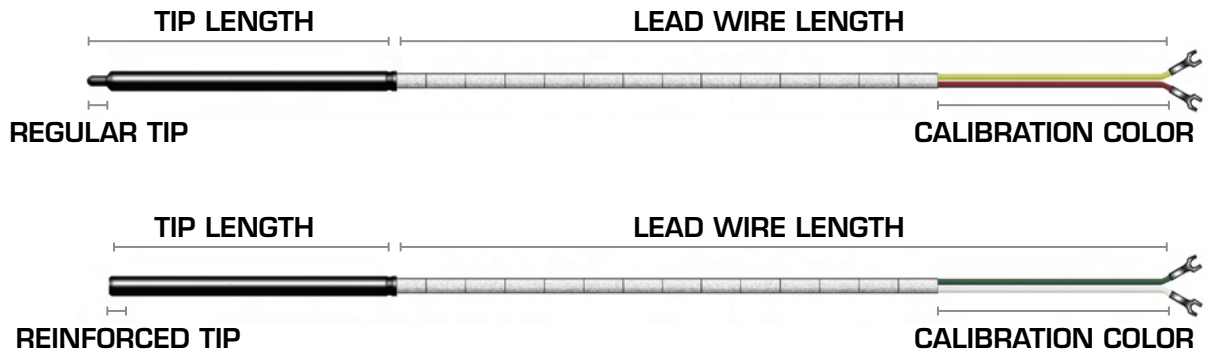
All Marshall Thermocouples are manufactured with Class 1, Special Limits wire which meet and exceed international quality standards of ANSI MC96.1 and IEC 584. Custom Marshall Thermocouples can be made to accommodate any range of industrial need while maintaining superior quality. Calibration certificates are available on Marshall Thermocouples and all products produced by the L.H. Marshall Company are 100% guaranteed.

# MARSHALL THERMOCOUPLE™

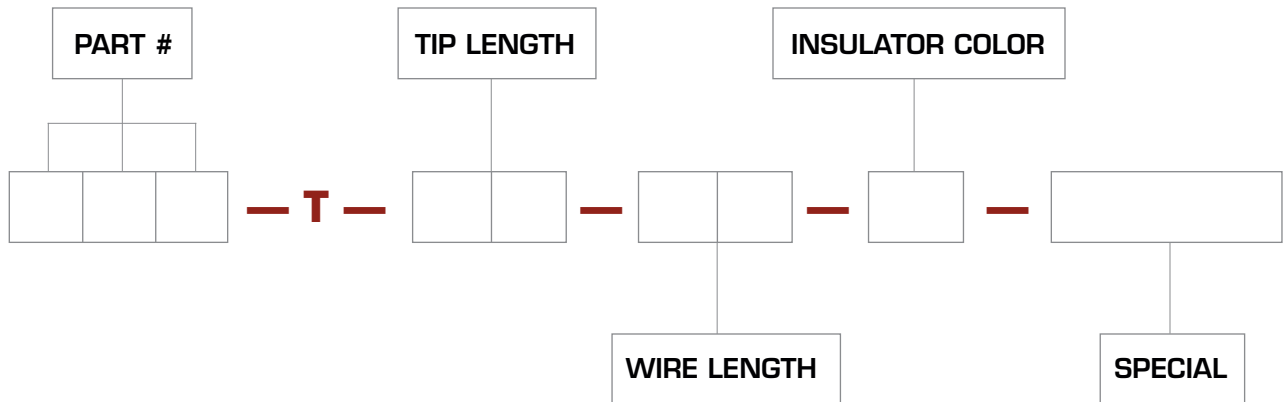


## ORDERING INFORMATION

Fill in each Ordering Number box with the appropriate specification code. This series of numbers and letters will form the final Ordering Number.



\*All thermocouples are lot calibrated at no charge. Individual calibration is available per the customer requirements.



PART #	TIP LENGTH	LEAD WIRE LENGTH	CALIBRATION COLOR	SPECIAL
501 - 8" or less	8" - 8" / 203 mm	31" - 31" / 787 mm	RY - Red (-) Yellow (+) Type K	R - Reinforced
701 - 9" or more	12" - 12" / 304 mm	43" - 43" / 1092 mm	GW - Green (+) White (-) Type K	U - Ungrounded
	15" - 15" / 381 mm	55" - 55" / 1397 mm	RW - Red (-) White (+) Type J	Plug - Plug
	18" - 18" / 457 mm	72" - 72" / 1829 mm	OR - Orange (+) Red (-) Type N	Jack - Jack
	20" - 20" / 508 mm	96" - 96" / 2438 mm	PW - Pink (+) White (-) Type N	Plug & Jack - Plug attached, Jack supplied
	24" - 24" / 610 mm	120" - 120" / 3048 mm		Jack & Plug - Jack attached, Plug supplied
	30" - 30" / 762 mm			

## EXAMPLE PART NUMBER

A 12" Marshall thermocouple with 43" lead wires, Calibration Type K



# THERMOCOUPLE TIPS RED & YELLOW LEAD WIRES



8" THERMOCOUPLE TIPS*	FOR USE WITH LANCE LENGTH**	SHIPPING WEIGHT***
501-T-8-31-RY	31"	27 lbs / 12 kg
501-T-8-43-RY	43"	30 lbs / 14 kg
501-T-8-55-RY	55"	34 lbs / 16 kg
501-T-8-72-RY	72"	36 lbs / 17 kg
501-T-8-96-RY	96"	40 lbs / 18 kg
501-T-8-120-RY	120"	44 lbs / 20 kg

12" THERMOCOUPLE TIPS*	FOR USE WITH LANCE LENGTH**	SHIPPING WEIGHT***
701-T-12-31-RY	31"	35 lbs / 16 kg
701-T-12-43-RY	43"	39 lbs / 18 kg
701-T-12-55-RY	55"	42 lbs / 19 kg
701-T-12-72-RY	72"	45 lbs / 21 kg
701-T-12-96-RY	96"	50 lbs / 23 kg
701-T-12-120-RY	120"	56 lbs / 26 kg

15" THERMOCOUPLE TIPS*	FOR USE WITH LANCE LENGTH**	SHIPPING WEIGHT***
701-T-15-31-RY	31"	45 lbs / 21 kg
701-T-15-43-RY	43"	48 lbs / 22 kg
701-T-15-55-RY	55"	51 lbs / 24 kg
701-T-15-72-RY	72"	55 lbs / 25 kg
701-T-15-96-RY	96"	59 lbs / 27 kg
701-T-15-120-RY	120"	63 lbs / 29 kg

18" THERMOCOUPLE TIPS*	FOR USE WITH LANCE LENGTH**	SHIPPING WEIGHT***
701-T-18-31-RY	31"	52 lbs / 24 kg
701-T-18-43-RY	43"	55 lbs / 25 kg
701-T-18-55-RY	55"	58 lbs / 27 kg
701-T-18-72-RY	72"	61 lbs / 28 kg
701-T-18-96-RY	96"	65 lbs / 30 kg
701-T-18-120-RY	120"	69 lbs / 32 kg

\* Lead wires can be color coded Red/Yellow or Green/White  
 \*\* See lance price page for part numbers  
 \*\*\* Per 50 pieces in lbs/kg

# THERMOCOUPLE TIPS RED & YELLOW LEAD WIRES

CONTINUED



20" THERMOCOUPLE TIPS*	FOR USE WITH LANCE LENGTH**	SHIPPING WEIGHT***
701-T-20-31-RY	31"	54 lbs / 25 kg
701-T-20-43-RY	43"	57 lbs / 26 kg
701-T-20-55-RY	55"	60 lbs / 28 kg
701-T-20-72-RY	72"	63 lbs / 29 kg
701-T-20-96-RY	96"	67 lbs / 31 kg
701-T-20-120-RY	120"	71 lbs / 33 kg

24" THERMOCOUPLE TIPS*	FOR USE WITH LANCE LENGTH**	SHIPPING WEIGHT***
701-T-24-31-RY	31"	62 lbs / 29 kg
701-T-24-43-RY	43"	65 lbs / 30 kg
701-T-24-55-RY	55"	68 lbs / 31 kg
701-T-24-72-RY	72"	71 lbs / 33 kg
701-T-24-96-RY	96"	75 lbs / 34 kg
701-T-24-120-RY	120"	79 lbs / 36 kg

30" THERMOCOUPLE TIPS*	FOR USE WITH LANCE LENGTH**	SHIPPING WEIGHT***
701-T-30-31-RY	31"	72 lbs / 33 kg
701-T-30-43-RY	43"	75 lbs / 34 kg
701-T-30-55-RY	55"	78 lbs / 36 kg
701-T-30-72-RY	72"	81 lbs / 37 kg
701-T-30-96-RY	96"	85 lbs / 39 kg
701-T-30-120-RY	120"	89 lbs / 41 kg

**NOTES:** Longer length tips and wire lengths are available.

\* Lead wires can be color coded Red/Yellow or Green/White

\*\* See lance price page for part numbers

\*\*\* Per 50 pieces in lbs/kg

# THERMOCOUPLE TIPS GREEN & WHITE LEAD WIRES



8" THERMOCOUPLE TIPS*	FOR USE WITH LANCE LENGTH**	SHIPPING WEIGHT***
501-T-8-31-GW	31"	27 lbs / 12 kg
501-T-8-43-GW	43"	30 lbs / 14 kg
501-T-8-55-GW	55"	34 lbs / 16 kg
501-T-8-72-GW	72"	36 lbs / 17 kg
501-T-8-96-GW	96"	40 lbs / 18 kg
501-T-8-120-GW	120"	44 lbs / 20 kg

12" THERMOCOUPLE TIPS*	FOR USE WITH LANCE LENGTH**	SHIPPING WEIGHT***
701-T-12-31-GW	31"	35 lbs / 16 kg
701-T-12-43-GW	43"	39 lbs / 18 kg
701-T-12-55-GW	55"	42 lbs / 19 kg
701-T-12-72-GW	72"	45 lbs / 21 kg
701-T-12-96-GW	96"	50 lbs / 23 kg
701-T-12-120-GW	120"	56 lbs / 26 kg

15" THERMOCOUPLE TIPS*	FOR USE WITH LANCE LENGTH**	SHIPPING WEIGHT***
701-T-15-31-GW	31"	45 lbs / 21 kg
701-T-15-43-GW	43"	48 lbs / 22 kg
701-T-15-55-GW	55"	51 lbs / 24 kg
701-T-15-72-GW	72"	55 lbs / 25 kg
701-T-15-96-GW	96"	59 lbs / 27 kg
701-T-15-120-GW	120"	63 lbs / 29 kg

18" THERMOCOUPLE TIPS*	FOR USE WITH LANCE LENGTH**	SHIPPING WEIGHT***
701-T-18-31-GW	31"	52 lbs / 24 kg
701-T-18-43-GW	43"	55 lbs / 25 kg
701-T-18-55-GW	55"	58 lbs / 27 kg
701-T-18-72-GW	72"	61 lbs / 28 kg
701-T-18-96-GW	96"	65 lbs / 30 kg
701-T-18-120-GW	120"	69 lbs / 32 kg

\* Lead wires can be color coded Red/Yellow or Green/White  
 \*\* See lance price page for part numbers  
 \*\*\* Per 50 pieces in lbs/kg

# THERMOCOUPLE TIPS GREEN & WHITE LEAD WIRES

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701-T-24-96-GW	96"	75 lbs / 34 kg
701-T-24-120-GW	120"	79 lbs / 36 kg

30" THERMOCOUPLE TIPS*	FOR USE WITH LANCE LENGTH**	SHIPPING WEIGHT***
701-T-30-31-GW	31"	72 lbs / 33 kg
701-T-30-43-GW	43"	75 lbs / 34 kg
701-T-30-55-GW	55"	78 lbs / 36 kg
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701-T-30-96-GW	96"	85 lbs / 39 kg
701-T-30-120-GW	120"	89 lbs / 41 kg

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