



# *PRODUCT CATALOG*

***THERM-O-LINK, INC. / VULKOR, INC.  
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**800-776-9223 (Ohio)      800-684-7823 (Texas)**

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## A. GENERAL INFORMATION

## B. APPLIANCE WIRE

1. Appliance Wire (PVC)
  - Machine Tool Wire, Dual Rated, UL-1015/1230/TEW
  - Lead Wire, UL-1007, UL-1028
  - UL-1056, UL-1060
2. Appliance Lead Wire (XLPE)
  - UL-3173, 3915, 3196
  - UL-3199
  - UL-3237, 3290
  - UL-3321
3. Appliance Lead Wire (Neoprene) NO LONGER AVAILABLE  
UL-3039, 3044, 3046
4. Appliance Lead Wire (EPDM) NO LONGER AVAILABLE  
UL-3284, 3328, 3340, 3484, 3556
5. Hermetic Lead Wire
  - UL-5170 (DMD)
  - UL-5058 (DTMD)

## C. AUTOMOTIVE WIRE & CABLE

1. Automotive Primary Wire (PVC)
  - GPT (General Purpose Thermoplastic)
  - HDT, HTP (Heavy Duty Thermoplastic)
  - TWP (Thin Wall Thermoplastic)
  - UTP (Ultra-Thin Wall Thermoplastic)
2. Automotive Primary Wire (XLPE)
  - GXL (General Purpose Crosslink)
  - SXL (Special Purpose Crosslink)
  - TXL (Thin Wall Crosslink)
  - UXL (Ultra-Thin Wall Crosslink)
3. Automotive Battery Cable
  - SGT (PVC)
  - SGX (XLPE)
  - STX (Thin Wall XLPE)

## D. MARINE WIRE

- Marine Wire (PVC)
- Marine Battery Cable (SGT)

## E. CONSTRUCTION WIRE (XLPE)

- XHHW, XHHF
- RHH, USE, RHW

## F. SWITCHGEAR WIRE (XLPE)

- SIS
- SIS-F (VW-1 Rating)

## G. MULTI-CONDUCTOR CABLE (PVC Jacket)

- Trailer Cable
- Boat Cable

Information in this catalog is subject to change without notice.

**800-776-9223 (Ohio)**

**800-684-7823 (Texas)**



## ORDERING INFORMATION

### PART NUMBER

**GXL**   -   **16**   -   **19**   -   **B**   -   **xx**  
 Product Type      Gauge              Stranding              Coating              Specialty Code

Product Type:    Type as referenced on catalog page (GXL, TWP,3321, etc.)  
 Gauge:            Wire gauge (16, 1/0, etc.)  
 Stranding:        Number of strands (19, 133, etc.) or special number (1000, 1010, etc.)  
 Coating:          "B" for bare copper or "T" for tinned copper  
 Specialty Code:   See customer service for designation

### PACKAGING

#### Reels: Wood, Non-returnable

12R - 12" Reel  
 15B - 15" X 10", 1-9/16" Arbor  
 16B - 16" x 12"  
 18A - 18" x 14", 2" Arbor  
 18B - 18" x 14", 1-9/16" Arbor  
 18C - 18" x 14", 2" Arbor, 3/4" Flange  
 24R - 24" Reel, 2" Arbor  
 30A - 30" x 14", 2" Arbor  
 30B - 30" Reel, 1-1/2" Flange

#### Reels: Wood, Non-returnable

30R - 30" x 14", 1-9/16" Arbor  
 36A - 36" x 12", 2" Arbor  
 36B - 36" x 14", 3" Arbor

#### Drums: Fiber, Non-returnable

35D - 35 Gallon, 20" high x 23" diameter  
 55D - 55 Gallon, 30" high x 23" diameter  
 75D - 75 Gallon, 42" high x 23" diameter

### ACCEPTANCE OF ORDERS:

All orders are subject to written acceptance by Therm-O-Link, Inc. / Vulkor, Inc.

### CREDIT:

All orders are subject to credit approval.

### PRICING:

Material will be invoiced at the price in effect at the time of shipment.

### TERMS OF PAYMENT:

Net 30 days cash.

### FREIGHT TERMS:

Prices are FOB factory, shipped collect, unless otherwise stated.

### QUANTITY VARIATION:

The quantity shipped against any item on an order is subject to a variation of +/- 10%.

### WARRANTY:

Therm-O-Link, Inc. / Vulkor, Inc. warrants that the wire furnished is free from defects in material and workmanship. There is no other warranty expressed or implied.

### RETURN POLICY:

No material will be accepted for return without prior written authorization.

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•••≈APPLIANCE DUAL-RATED WIRE≈•••

## MTW MACHINE TOOL WIRE

(Hook-Up Wire)

Polyvinyl chloride (PVC) insulated wire manufactured to UL & CSA standards.

### APPLICATIONS:

Internal wiring for panels, meters, appliances, motors and transformers, electronic and lighting equipment, machine tool wire, where a medium wall insulation is required.

Multi-rated to UL 1015, UL 1230 and UL1032 1000Volt where applicable.

Also available UL 1032,UL 1335 & BC-5W2 rating.

CSA, TEW, AWM 1 A/B,VW-1 and FT1 rated. RoHS compliant.

### ☐☐☐ MTW/UL 1015 TEW Bare or Tinned Copper 105°C 600Volts ☐☐☐

☐ Product ☐	☐ #CU/MFT ☐	☐ Stranding ☐	☐ Wall Thickness ☐☐	☐ Minimum Order ☐
MTW/1015-20-10-B	3.09	10/30	2/64	50M
MTW/1015-20-10-T	3.09	10/30	2/64	50M
MTW/1015-18-16-B	4.94	16/30	2/64	25M
MTW/1015-18-16-T	4.94	16/30	2/64	25M
MTW/1015-18-41-B	5.06	41/34	2/64	25M
MTW/1015-16-19-B	8.02	19/0117	2/64	25M
MTW/1015-16-26-B	8.03	26/30	2/64	25M
MTW/1015-16-26-T	8.03	26/30	2/64	25M
MTW/1015-14-19-B	12.70	19/0147	2/64	25M
MTW/1015-14-41-B	12.66	41/30	2/64	25M
MTW/1015-14-41-T	12.66	41/30	2/64	25M
MTW/1015-12-19-B	20.15	19/0185	2/64	25M
MTW/1015-12-65-B	20.80	65/30	2/64	25M
MTW/1015-12-65-T	20.80	65/30	2/64	25M

MTW/1015-10-105-B	32.50	105/30	2/64	25M
MTW/1015-10-105-T	32.50	105/30	2/64	25M
MTW/1015-10-19-B	32.80	19/0234	2/64	25M
MTW/1028-8-19-B	50.96	19/0295	3/64	25M

**MTW/UL 1283 TEW Bare or Tinned Copper 105°C 600Volts**

Also available in tinned stranding.

Class K Stranding available in all cables bare or tinned.

Also rated BC-5W2 & UL 10269, 60H thru 4/0.

Meets or exceeds SAE J1127 in 6->4/0.

Product	Stranding	Wall Thickness	Minimum Order
MTW/1283-6-19-B	19/.0368	4/64	25M
MTW/1283-6-133-B	133x27	4/64	15M
MTW/1283-4-133-B	7x19x25	4/64	15M
MTW/1283-2-133-B	19x7x23	4/64	15M

**MTW/UL 1284 TEW Bare or Tinned Copper 105°C 600Volts**

Product	Stranding	Wall Thickness	Minimum Order
MTW/1284-1-133-B	19x7x.0249	5/64	20M
MTW/1284-1-266-B	19x14x25	5/64	15M
MTW/1284-1/0-133-B	19x7x.0282	5/64	15M
MTW/1284-2/0-133-B	19x7x.0315	5/64	10M
MTW/1284-3/0-266-B	19x14x.0249	5/64	10M
MTW/1284-4/0-266-B	19x14x.0282	5/64	5M

Minimum order requirement reflects quantity per color, per release.

Different color quantities may be combined to determine pricing with solid colors treated separately

from striped colors.



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# APPLIANCE LEAD WIRE

## LEAD WIRE

Polyvinyl chloride (PVC) insulated wire manufactured to UL and CSA standards.

### APPLICATIONS:

Internal wiring of appliances.

### UL-1007 Bare Copper 80°C 300 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
1007-22-7-B	2.16	7/30	1/64	100M
1007-20-10-B	3.09	10/30	1/64	100M
1007-18-16-B	4.94	16/30	1/64	50M
1007-16-26-B	8.03	26/30	1/64	50M

### UL-1007 Tinned Copper 80°C 300 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
1007-22-7-T	2.16	7/30	1/64	100M
1007-20-10-T	3.09	10/30	1/64	100M
1007-18-16-T	4.94	16/30	1/64	50M
1007-16-26-T	8.03	26/30	1/64	50M

### UL-1028 Bare Copper 105°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
1028-18-16-B	4.94	16/30	3/64	50M
1028-16-26-B	8.03	26/30	3/64	50M

Minimum order requirement reflects quantity per color, per release. Different color quantities may be combined to determine pricing with solid colors treated separately from striped colors.

800-776-9223 (Ohio)

800-684-7823 (Texas)

# APPLIANCE LEAD WIRE

## LEAD WIRE

Polyvinyl chloride (PVC) insulated wire manufactured to UL and CSA standards.

### APPLICATIONS:

Internal wiring of electric refrigeration equipment, room air conditioners, room cooler units and remote outdoor condensing units for domestic cooling.

### UL-1056 Bare Copper 105°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
1056-18-16-B	4.94	16/30	4/64	50M
1056-16-26-B	8.03	26/30	4/64	50M
1056-14-41-B	12.66	41/30	4/64	50M

### UL-1056 Tinned Copper 105°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
1056-18-16-T	4.94	16/30	4/64	50M
1056-16-26-T	8.03	26/30	4/64	50M
1056-14-41-T	12.66	41/30	4/64	50M

### APPLICATIONS:

Internal wiring of appliances where a heavy wall thickness is required.

### UL-1060 Bare Copper 105°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
1060-14-41-B	12.66	41/30	5/64	50M
1060-12-65-B	20.80	65/30	5/64	50M
1060-10-105-B	32.50	105/30	5/64	50M

### UL-1060 Tinned Copper 105°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
1060-14-41-T	12.66	41/30	5/64	50M
1060-12-65-T	20.80	65/30	5/64	50M
1060-10-105-T	32.50	105/30	5/64	50M

Minimum order requirement reflects quantity per color, per release. Different color quantities may be combined to determine pricing with solid colors treated separately from striped colors.

800-776-9223 (Ohio)

800-684-7823 (Texas)

# APPLIANCE LEAD WIRE

## LEAD WIRE

Crosslink polyethylene (XLPE) insulated wire manufactured to UL and CSA standards.

### APPLICATIONS:

Internal wiring of appliances.

### UL-3173,3195,3196 Bare Copper 125°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
3173-20-10-B	3.09	10/30	2/64	50M
3173-18-16-B	4.94	16/30	2/64	50M
3173-16-26-B	8.03	26/30	2/64	25M
3173-14-41-B	12.66	41/30	2/64	25M
3173-14-19-B	12.70	19/0147	2/64	75M
3173-12-65-B	20.80	65/30	2/64	25M
3173-12-19-B	20.15	19/0195	2/64	25M
3173-10-105-B	32.50	105/30	2/64	25M
3173-10-19-B	32.30	19/0234	2/64	25M
3195-8-133-B	53.10	133/29	3/64	25M
3196-6-133-B	82.20	133/27	4/64	25M
3196-4-133-B	130.00	133/25	4/64	25M

### UL-3173 7 Strand Bare Copper 125°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
3173-18-7-B	5.04	7/0152	2/64	100M
3173-16-7-B	8.00	7/0192	2/64	100M
3173-14-7-B	12.76	7/0242	2/64	50M
3173-12-7-B	20.20	7/0305	2/64	50M
3173-10-7-B	31.72	7/0385	2/64	50M

Minimum order requirement reflects quantity per color, per release.

**800-776-9223 (Ohio)**

**800-684-7823 (Texas)**

# APPLIANCE LEAD WIRE

## LEAD WIRE

Crosslink polyethylene (XLPE) insulated wire manufactured to UL and CSA standards.

### APPLICATIONS:

Internal wiring of appliances.

### UL-3173,3195,3196 Tinned Copper 125°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
3173-20-10-T	3.09	10/30	2/64	100M
3173-18-16-T	4.94	16/30	2/64	50M
3173-16-26-T	8.03	26/30	2/64	25M
3173-14-41-T	12.66	41/30	2/64	25M
3173-12-65-T	20.80	65/30	2/64	75M
3173-10-105-T	32.50	105/30	2/64	25M
3195-8-133-T	53.10	133/29	3/64	25M
3196-6-133-T	82.20	133/27	4/64	25M
3196-4-133-T	130.00	133/25	4/64	25M

### UL-3173 7 Strand Tinned Copper 125°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
3173-22-7-T	2.16	7/0102	2/64	100M
3173-18-7-T	5.04	7/0152	2/64	100M
3173-16-7-T	8.00	7/0192	2/64	100M
3173-14-7-T	12.76	7/0242	2/64	100M
3173-12-7-T	20.20	7/0305	2/64	100M
3173-10-7-T	31.72	7/0385	2/64	100M

Minimum order requirement reflects quantity per color, per release.

**800-776-9223 (Ohio)**

**800-684-7823 (Texas)**

# APPLIANCE LEAD WIRE

## LEAD WIRE

Crosslink polyethylene (XLPE) insulated wire manufactured to UL and CSA standards.

### UL-3199 Bare Copper 105°C 300 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
3199-20-10-B	3.09	10/30	1/64	100M
3199-18-16-B	4.94	16/30	1/64	100M
3199-16-27-B	8.03	26/30	1/64	100M

## APPLICATIONS:

Appliances or ballast leads for indoor use only.

### UL-3199 Tinned Copper 105°C 300 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
3199-20-10-T	3.09	10/30	1/64	100M
3199-18-16-T	4.94	16/30	1/64	50M
3199-16-27-T	8.03	26/30	1/64	50M

Minimum order requirement reflects quantity per color, per release.

**800-776-9223 (Ohio)**

**800-684-7823 (Texas)**

# APPLIANCE LEAD WIRE

## LEAD WIRE

Crosslink polyethylene (XLPE) insulated wire manufactured to UL and CSA standards.

### UL-3237 Tinned Copper 105°C 1,000 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
3237-18-16-T	4.94	16/30	2/64	40M
3237-18-65-T	20.80	65/30	2/64	40M

## APPLICATIONS:

Internal wiring of heat pumps and refrigerating equipment.

### UL-3290 Tinned Copper 125°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
3290-18-1000	4.94	16/30-5/8" Lay	4/64	50M
3290-18-16-T	9.88	16/30-1-1/2" Lay	4/64	50M

Minimum order requirement reflects quantity per color, per release.

**800-776-9223 (Ohio)**

**800-684-7823 (Texas)**

# APPLIANCE LEAD WIRE

## LEAD WIRE

Crosslink polyethylene (XLPE) insulated wire, manufactured to UL and CSA standards.

### APPLICATIONS:

Internal wiring of appliances, lighting fixtures and ballasts, and as motor lead wire.

<b>UL-3321 Tinned Copper 150°C 600 Volts</b>				
<b>Product</b>	<b>#CU/MFT</b>	<b>Stranding</b>	<b>Wall Thickness</b>	<b>Min Order</b>
3321-20-10-T	3.09	10/30	2/64	100M
3321-18-16-T	4.94	16/30	2/64	40M
3321-18-7-T	4.50	7/0152	2/64	80M
3321-16-26-T	8.03	26/30	2/64	25M
3321-16-7-T	8.00	7/0192	2/64	75M
3321-14-19-T	12.70	19/0147	2/64	50M
3321-14-41-T	12.66	41/30	2/64	25M
3321-14-7-T	12.76	7/0242	2/64	50M
3321-12-65-T	20.80	65/30	2/64	25M
3321-12-19-T	20.80	19/0185	2/64	50M
3321-10-105-T	32.50	105/30	2/64	25M

Minimum order requirement reflects quantity per color, per release.

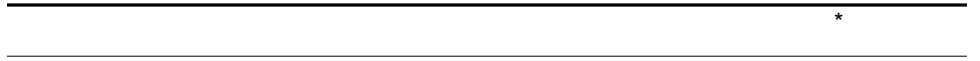
**800-776-9223 (Ohio)**

**800-684-7823 (Texas)**

NEOPRENE LEAD WIRE **(THIS WIRE IS NO LONGER AVAILABLE)**P12



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EPDM LEAD WIRE **(THIS WIRE IS NO LONGER AVAILABLE)**P13



# APPLIANCE LEAD WIRE

## HERMETIC LEAD WIRE

Dacron/Mylar/Dacron braided insulation, compressor motor lead wire.

### UL-5170 Bare Copper 125°C

Product	#CU/MFT	Stranding	Insulation	Min Order
5170-20-36-BC	3.37	42/36	DMD	25M
5170-20-30-BC	3.09	10/30	DMD	25M
5170-18-36-BC	5.00	65/36	DMD	25M
5170-18-30-BC	4.94	16/30	DMD	25M
5170-16-36-BC	8.09	61/0249	DMD	25M
5170-16-30-BC	8.03	26/30	DMD	25M
5170-14-36-BC	12.90	7X24/36	DMD	25M
5170-14-30-BC	12.66	41/30	DMD	25M
5170-12-36-BC	20.80	7X37/36	DMD	25M
5170-12-30-BC	20.80	65/30	DMD	25M
5170-10-36-BC	32.30	7X59/36	DMD	25M
5170-10-30-BC	32.50	105/30	DMD	25M
5170-8-36-BC	52.30	7X95/36	DMD	25M

### UL-5170 Tinned Copper 125°C

Product	#CU/MFT	Stranding	Insulation	Min Order
5170-12-36-TC	20.80	7X37/36	DMD	25M
5170-10-36-TC	32.30	7X59/36	DMD	25M

### UL-5058 Bare Copper 105°C

Dacron/Teflon/Mylar/Dacron braided insulation, compressor motor lead wire.

Product	#CU/MFT	Stranding	Insulation	Min Order
5084-14-36-BC	12.90	168/36	DTMD	25M
5084-12-36-BC	20.80	259/36	DMTD	25M
5084-10-36-BC	32.30	413/36	DTMD	25M
5084-8-36-BC	52.30	665/36	DMTD	25M

Minimum order requirement reflects quantity per color, per release.

800-776-9223 (Ohio)

800-684-7823 (Texas)

# AUTOMOTIVE PRIMARY WIRE

**AUTOMOTIVE** Revised Nov.2009

**General Purpose Thermoplastic:**

Polyvinyl chloride (PVC) insulated wire manufactured to SAE J1128 standards to meet the following specifications:

FORD: M1L 56A

CHRYSLER: MS-3450

**GPT Bare Copper 80°C 60 Volts**

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
GPT-20-7-B	3.46	7/0126	.023	55M
GPT-18-16-B	4.94	16/0098	.023	45M
GPT-18-61-B	4.90	61/36	.023	50M
GPT-16-19-B	7.40	19/0113	.023	30M
GPT-16-37-B	7.15	37/32	.023	40M
GPT-14-19-B	11.90	19/0142	.023	22M
GPT-12-19-B	18.35	19/0117	.026	23M
GPT-10-19-B	29.40	19/0224	.031	28M
GPT-8-19-B	48.00	19/0282	.037	25M
GPT-6-49-B	80.75	49/0232	.045	50M
GPT-6-37-B	82.00	37/0266	.045	20M
GPT-4-61-B	122.00	61/0249	.045	20M
GPT-4-133-B	122.00	133/0170	.045	20M

DELPHI PACKARD: ESM-3012

**GPT Bare Copper 80°C 60 Volts**

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
GPT-0.5-MM	3.46	7/0126	.023	55M
GPT-0.8-MM	4.94	16/0098	.023	45M
GPT-1.0-MM	7.40	19/0113	.023	30M
GPT-2.0-MM	11.90	19/0242	.023	22M
GPT-3.0-MM	18.35	19/0177	.026	23M
GPT-5.0-MM	29.40	19/0224	.031	28M
GPT-8.0-MM	48.00	19/0282	.037	25M

Minimum order requirement reflects quantity per color, per release. Different color quantities may be combined to determine pricing with solid colors treated separately from striped colors.

**800-776-9223 (Ohio) P15 800-684-7823 (Texas)**

# AUTOMOTIVE PRIMARY WIRE

**AUTOMOTIVE** Revised Nov.2009

**Heavy Duty Thermoplastic:**

Polyvinyl chloride (PVC) insulated wire manufactured to SAE J1128 standards to meet the following specifications:

FORD: M1L 50A

CHRYSLER: MS-3494

**HDT Bare Copper 80°C 60 Volts**

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
HDT-20-7-B	3.46	7/0126	.036	50M
HDT-18-16-B	4.94	16/0098	.036	25M
HDT-16-19-B	7.40	19/0113	.040	25M
HDT-14-19-B	11.90	19/0142	.041	25M
HDT-12-19-B	18.35	19/0177	.046	25M
HDT-10-19-B	29.40	19/0224	.046	25M
HDT-8-19-B	48.00	19/0282	.055	25M
HDT-6-37-B	82.00	37/0266	.060	25M
HDT-4-61-B	122.00	61/0249	.068	25M

CHRYSLER: MS-5564

**HTP Bare Copper 110°C 60 Volts**

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
HTP-20-7-B	3.46	7/0126	.031	75M
HTP-18-16-B	4.94	16/0098	.031	60M
HTP-14-19-B	11.90	19/0142	.031	30M

Minimum order requirement reflects quantity per color, per release. Different color quantities may be combined to determine pricing with solid colors treated separately from striped colors.

**800-776-9223 (Ohio) P16 800-684-7823 (Texas)**

# AUTOMOTIVE PRIMARY WIRE

**AUTOMOTIVE** Revised Nov.2009

**Thin Wall Thermoplastic:**

Polyvinyl chloride (PVC) insulated wire manufactured to SAE J1128 standards to meet the following specifications:

FORD: M1L 120A

CHRYSLER: MS-7889

**TWP Bare Copper 85°C 60 Volts**

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
TWP-22-7-B	2.16	7/0098	.016	65M
TWP-20-7-B	3.46	7/0124	.016	60M
TWP-18-19-B	4.96	19/0092	.016	60M
TWP-16-19-B	7.40	19/0110	.016	40M
TWP-14-19-B	11.90	19/0142	.016	35M
TWP-12-19-B	18.35	19/0177	.018	25M
TWP-10-19-B	29.40	19/0224	.020	27M

DELPHI PACKARD: ESM-3089

**TWP Bare Copper 80°C 60 Volts**

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
TWP-0.35-MM	2.16	7/0098	.016	65M
TWP-0.5-MM	3.46	7/0126	.016	60M
TWP-0.8-MM	4.94	16/0098	.016	60M
TWP-1.0-MM	7.40	19/0113	.016	40M
TWP-2.0-MM	11.90	19/0142	.016	35M
TWP-3.0-MM	18.35	19/0177	.018	25M
TWP-5.0-MM	29.40	19/0224	.020	27M

Minimum order requirement reflects quantity per color, per release. Different color quantities may be combined to determine pricing with solid colors treated separately from striped colors.

**800-776-9223 (Ohio) P17 800-684-7823 (Texas)**

# AUTOMOTIVE PRIMARY WIRE

**AUTOMOTIVE** Revised Nov.2009

**General Purpose Crosslink:**

Crosslink polyethylene (XPLE)  
insulated wire manufactured to  
SAE J1128 standards to meet the  
following specifications:

FORD: M1L 85B

CHRYSLER: MS-8900

DELPHI PACKARD: ESM-3070

## GXL Bare Copper 125°C 60 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
GXL-20-7-B	3.46	7/0126	.023	50M
GXL-18-16-B	4.94	16/0098	.023	43M
GXL-16-19-B	7.40	19/0113	.023	30M
GXL-14-19-B	11.90	19/0142	.023	22M
GXL-12-19-B	18.35	19/0177	.026	23M
GXL-10-19-B	29.40	19/0224	.031	28M
GXL-8-19-B	48.00	19/0282	.037	25M

## GXL Tinned Copper 125°C 60 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
GXL-18-16-T	4.94	16/0098	.023	43M
GXL-12-19-T	18.35	19/0177	.026	36M

Minimum order requirement reflects quantity per color, per release.

**800-776-9223 (Ohio) P18 800-684-7823 (Texas)**

# AUTOMOTIVE PRIMARY WIRE

**AUTOMOTIVE** Revised Nov.2009

**Thin Wall Crosslink:**

Crosslink polyethylene (XPLE)  
insulated wire manufactured to  
SAE J1128 standards to meet the  
following specifications:

FORD: M1L 123A

CHRYSLER: MS-8288

DELPHI PACKARD:

ESM-3075, 3099, 3249

<b>TXL Bare Copper 125°C 60 Volts</b>				
<b>Product</b>	<b>#CU/MFT</b>	<b>Stranding</b>	<b>Wall Thickness</b>	<b>Min Order</b>
TXL-22-1001	2.16	7/0098	.016	85M
TXL-20-1000	3.46	7/0126	.016	60M
TXL-18-16-B	4.94	16/0098	.016	50M
TXL-18-1000	4.96	19/0092	.016	50M
TXL-16-1000	7.40	19/0113	.016	40M
TXL-14-1000	11.90	19/0142	.016	25M
TXL-12-1000	18.35	19/0177	.018	25M
TXL-10-1000	29.40	19/0224	.020	24M

Minimum order requirement reflects quantity per color, per release.

**800-776-9223 (Ohio) P19 800-684-7823 (Texas)**

# AUTOMOTIVE PRIMARY WIRE

**AUTOMOTIVE** Revised Nov.2009

**Special Purpose Crosslink:**

Crosslink polyethylene (XPLE)  
insulated wire manufactured to  
SAE J1128 standards to meet the  
following specifications:

FORD: M1L 85A

CHRYSLER: MS-5919

DELPHI PACKARD: ESM-3023

<b>SXL Regular Wall Bare Copper 125°C 60 Volts</b>				
<b>Product</b>	<b>#CU/MFT</b>	<b>Stranding</b>	<b>Wall Thickness</b>	<b>Min Order*</b>
SXL-20-7-B	3.46	7/0126	.029	40M
SXL-18-16-B	4.94	16/0098	.030	30M
SXL-16-19-B	7.49	19/0113	.032	30M
SXL-16-1007	7.96	65/0063	.032	100M
SXL-14-19-B	11.90	19/0142	.035	25M
SXL-12-19-B	18.35	19/0177	.037	28M
SXL-10-19-B	29.40	19/0224	.041	24M
SXL-8-19-B	48.00	19/0282	.043	24M

Minimum order requirement reflects quantity per color, per release.  
\* 15,000 foot minimum on red, white, or black

**800-776-9223 (Ohio) P20 800-684-7823 (Texas)**

# AUTOMOTIVE PRIMARY WIRE

## AUTOMOTIVE

### Ultra-Thin Wall Thermoplastic:

Polyvinyl chloride (PVC) insulated wire manufactured to SAE J1678 standards to meet the following specifications:

FORD: M1L 134-A1

### UTP Bare Copper 85°C

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
UTP-22-1000	2.16	7/0098	.010	70M
UTP-20-1000	3.43	7/0126	.010	60M
UTP-18-1002	4.96	19/0092	.010	45M
UTP-16-19-B	7.62	19/0133	.010	40M
UTP-14-19-B	11.83	19/0142	.010	25M

Minimum order requirement reflects quantity per color, per release. Different color quantities may be combined to determine pricing with solid colors treated separately from striped colors.

**800-776-9223 (Ohio)**

**800-684-7823 (Texas)**

# AUTOMOTIVE BATTERY CABLE

## AUTOMOTIVE

Polyvinyl chloride (PVC) insulated wire manufactured to SAE J1127 standards.

### SGT (Printed) Bare Copper 60°C

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
SGT-6-1004	82.00	37/0266	.062	20M
SGT-4-1006	116.38	70/0232	.065	50M
SGT-4-1008	122.00	61/0253	.065	20M
SGT-2-1002	199.04	133/0217	.065	5M
SGT-1-1002	241.24	133/0242	.065	5M
SGT-1/0-1008	306.92	133/0273	.065	5M
SGT-2/0-1008	387.79	133/0307	.065	4M
SGT-2/0-1330	435.65	1330/0101	.065	4M
SGT-3/0-1003	491.77	266/0244	.078	3M
SGT-4/0-1006	652.00	418/0224	.078	50M

Minimum order requirement reflects quantity per color, per release.

**800-776-9223 (Ohio)**

**800-684-7823 (Texas)**

# AUTOMOTIVE BATTERY CABLE

## AUTOMOTIVE

Polyvinyl chloride (PVC) insulated wire manufactured to SAE J1127 standards.

### SGT (Non-Printed) Bare Copper 60°C

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
SGT-6-37-B	82.00	37/0266	.070	20M
SGT-6-1000	80.75	49/0231	.081	50M
SGT-6-1001	82.20	133/0140	.050	20M
SGT-5-49-B	101.00	49/0260	.058	50M
SGT-4-61-B	122.00	61/0249	.065	20M
SGT-4-1000	116.38	70/0232	.049	50M
SGT-4-133-B	122.00	133/0169	.050	20M
SGT-3-133-B	173.50	133/0199	.072	50M
SGT-2-133-B	199.04	133/0217	.065	5M
SGT-1-133-B	241.24	133/0242	.065	5M
SGT-1/0-133-B	306.92	133/0273	.065	5M
SGT-2/0-133-B	387.79	133/0307	.065	4M
SGT-3/0-266-B	491.77	266/0244	.078	3M
SGT-4/0-418-B	652.00	418/0224	.078	2.4M

Minimum order requirement reflects quantity per color, per release.

**800-776-9223 (Ohio)**

**800-684-7823 (Texas)**

# AUTOMOTIVE BATTERY CABLE

## AUTOMOTIVE

Crosslink polyethylene (XPLE) insulated wire manufactured to SAE J1127 standards to meet the following specifications:

FORD: M1L 92A  
DELPHI PACKARD: ESM-3024

### SGX Bare Copper 125°C

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
SGX-6-37-B	82.00	37/0266	.065	25M*
SGX-6-49-B	79.00	49/0232	.065	25M*
SGX-4-61-B	118.00	61/0249	.065	25M*
SGX-4-133-B	122.00	133/0177	.065	25M*
SGX-4-1000	115.00	133/0170	.065	25M
SGX-4-1001	122.00	61/0249	.065	25M
SGX-4-1002	122.00	133/0170	.065	25M
SGX-4-1003	122.00	61/0249	.065	25M
SGX-4-1004	118.00	61/0249	.065	25M
SGX-2-133-B	192.80	133/0217	.065	25M
SGX-2-1000	192.80	133/0217	.065	25M
SGX-1-133-B	246.70	133/0242	.065	25M

### SGX Tinned Copper 125°C

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
SGX-6-266-T	83.73	266/0098	.065	25M
SGX-4-133-T	130.61	133/0177	.065	25M

Minimum order requirement reflects quantity per color, per release.  
\* 15,000 foot minimum on red, white, or black

800-776-9223 (Ohio)

800-684-7823 (Texas)

# AUTOMOTIVE BATTERY CABLE

## AUTOMOTIVE

Crosslink polyethylene (XPLE) insulated wire manufactured to SAE J1127 standards to meet the following specifications:

FORD: M1L 92A  
DELPHI PACKARD: ESM-3024

### STX Bare Copper 125°C

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
STX-6-37-B	79.30	37/0266	.045	25M*
STX-6-1000	79.30	37/0266	.045	25M*
STX-4-61-B	122.00	61/0249	.045	25M*
STX-4-133-B	122.00	133/0170	.045	25M*
STX-4-1000	131.90	133/0177	.045	25M
STX-4-1001	131.90	133/0177	.045	25M

### STX Tinned Copper 125°C

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
SGX-6-266-T	83.73	266/0098	.045	25M

Minimum order requirement reflects quantity per color, per release.  
\* 15,000 foot minimum on red, white, or black

800-776-9223 (Ohio)

800-684-7823 (Texas)

**MARINE Revised Nov.2009**

Polyvinyl chloride (PVC) insulated wire manufactured to SAE J378C and J1128 standards.

**MARINE WIRE (Non-Printed) Bare Copper 105°C 60 Volts**

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
PVC-20-1002	3.46	7/0126	.023	50M
PVC-18-1003	4.94	16/0098	.023	50M
PVC-16-1007	7.40	19/0113	.023	50M
PVC-14-1002	11.90	19/0142	.023	25M
PVC-12-1006	18.35	19/0177	.026	25M
PVC-10-1006	29.40	19/0224	.031	25M
PVC-8-1010	48.00	19/0282	.037	25M

**MARINE WIRE (Printed) Bare Copper 105°C 60 Volts**

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
PVC-20-1003	3.46	7/0126	.023	50M
PVC-18-1002	4.94	16/0098	.023	50M
PVC-16-1006	7.40	19/0113	.023	40M
PVC-14-1004	11.90	19/0142	.023	25M
PVC-12-1003	18.35	19/0177	.026	23M
PVC-10-1004	29.40	19/0224	.031	25M
PVC-8-1006	48.00	19/0282	.037	25M
PVC-6-1000	82.00	37/0266	.047	25M

**MARINE WIRE (Printed) Tinned Copper 105°C 600 Volts**

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
PVC-16-1011	7.40	19/0113	.023	100M
PVC-10-1008	29.40	19/0224	.031	50M

Minimum order requirement reflects quantity per color, per release.

# MARINE BATTERY CABLE

**MARINE** Revised Nov.2009

Polyvinyl chloride (PVC) insulated wire manufactured to SAE J1127 standards.

## SGT (Printed) Bare Copper 105°C 60 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
SGT-6-1002	82.00	133/0140	.050	50M
SGT-2-1000	199.04	133/0217	.065	5M
SGT-1-1000	241.24	133/0242	.065	5M
SGT-1/0-1001	306.92	133/0273	.065	5M
SGT-2/0-1001	387.79	133/0307	.065	4M
SGT-3/0-1002	491.77	266/0244	.078	3M
SGT-4/0-1004	652.00	418/0224	.078	2.4M

## SGT (Non-Printed) Bare Copper 105°C 60 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
SGT-1/0-1000	306.92	133/0273	.065	5M
SGT-2/0-1000	387.79	133/0307	.065	4M

Minimum order requirement reflects quantity per color, per release.  
Black and red quantities may be combined to determine pricing.

**800-776-9223 (Ohio) P27 800-684-7823 (Texas)**

## CONSTRUCTION WIRE

Crosslink polyethylene (XPLE)  
insulated wire.

### XHHW-2 Bare Copper 90°C Dry or Wet 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
XHHW-14-7-B	12.76	7/0242	2/64	50M
XHHW-14-19-B	12.76	19/0147	2/64	50M
XHHW-12-7-B	20.20	7/0305	2/64	50M
XHHW-10-7-B	31.72	7/0385	2/64	50M
XHHW-8-7-B	51.05	7/0486	3/64	25M

### XHHW-2-VW1 Bare Copper 90°C Dry or Wet 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
XHHWF-14-7-B	12.76	7/0242	2/64	50M
XHHWF-14-19-B	12.76	19/0147	2/64	50M
XHHWF-12-7-B	20.20	7/0305	2/64	50M
XHHWF-10-19-B	32.30	19/0234	2/64	50M

Minimum order requirement reflects quantity per color, per release.

## CONSTRUCTION WIRE

Crosslink polyethylene (XPLE) insulated wire.

### APPLICATIONS:

Underground service entrance cable suitable for underground installations, including direct burial in the earth.

### USE/RHH/RHW Bare Copper 75°C Wet, 90°C Dry 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
RHH-14-7-B	12.76	7/0242	3/64	25M
RHH-14-1-B	12.43	1/0648	3/64	25M
USE-12-7-B	20.20	7/0305	3/64	25M
USE-12-1-B	19.77	1/0808	3/64	25M
USE-10-7-B	31.72	7/0385	3/64	25M
USE-10-1-B	31.43	1/1019	3/64	25M

### USE/RHH/RHW VW-1 Bare Copper 75°C Wet, 90°C Dry 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
USE-12-1000	20.20	7/0305	3/64	50M

Minimum order requirement reflects quantity per color, per release.

# SWITCHBOARD WIRE

## SWITCHBOARD

Crosslink polyethylene (XPLE) insulated wire.

### APPLICATIONS:

Suitable for use in 90C dry locations for wiring of switchboards. VW-1 is a flammability rating by UL for wires that pass a vertical flame test; previously designated FR-1.

### SIS 7 Strand VW-1 Tinned Copper 90°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
SIS-F-14-7-T	12.76	7/0242	.030	75M
SIS-F-12-7-T	20.20	7/0305	.030	50M
SIS-F-10-7-T	31.72	7/0385	.030	25M

### SIS VW-1 Ex-Flex Tinned Copper 90°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
*SIS-F-16-26-T	8.03	26/30	.030	75M
SIS-F-14-19-T	12.70	19/0147	.030	50M
SIS-F-14-41-T	12.66	41/30	.030	25M
SIS-F-12-65-T	20.80	65/30	.030	25M
SIS-F-10-105-T	32.50	105/30	.030	25M
SIS-F-8-133-T	53.10	133/29	.045	25M
SIS-F-6-133-T	82.20	133/27	.060	25M
SIS-F-4-133-T	130.00	133/25	.060	25M

Minimum order requirement reflects quantity per color, per release.  
\* Not rated by UL

800-776-9223 (Ohio)

800-684-7823 (Texas)

# SWITCHBOARD WIRE

## SWITCHBOARD

Crosslink polyethylene (XPLE) insulated wire.

### APPLICATIONS:

Suitable for use in 90C dry locations for wiring of switchboards.

### SIS 7 Strand Tinned Copper 90°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
*SIS-18-7-T	5.04	7/0152	.030	100M
*SIS-16-7-T	8.00	7.0192	.030	75M
SIS-14-7-T	12.76	7/0242	.030	75M
SIS-12-7-T	20.20	7/0305	.030	50M
SIS-10-7-T	31.72	7/0385	.030	25M

### SIS Ex-Flex Tinned Copper 90°C 600 Volts

Product	#CU/MFT	Stranding	Wall Thickness	Min Order
*SIS-18-16-T	4.94	16/30	.030	50M
*SIS-16-26-T	8.03	26/30	.030	25M
SIS-14-41-T	12.66	41/30	.030	25M
SIS-12-65-T	20.80	65/30	.030	25M
SIS-10-105-T	32.50	105/30	.030	25M
SIS-8-133-T	53.10	133/29	.045	25M
SIS-6-133-T	82.20	133/27	.060	25M
SIS-4-133-T	130.00	133/25	.060	25M

Minimum order requirement reflects quantity per color, per release.  
\* Not rated by UL

**800-776-9223 (Ohio)**

**800-684-7823 (Texas)**

# MULTI-CONDUCTOR CABLE

## **BOAT CABLE (FLAT)**

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### JACKET:

- 80°C or 105°C PVC
- Grey, black, or white
- Tubed or pressurized

### INNERS:

#### Conductors:

- Two, three, or four conductors
- 10 through 18 AWG bare stranded copper

#### Insulation:

- GPT, TWP, SXL, GXL, TXL
- Any color combination
- Solid or striped

## **TRAILER CABLE (ROUND)**

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### JACKET:

- 60°C through 105°C PVC
- Tubed or pressurized
- Any Color

### INNERS:

#### Conductors:

- Two or more conductors
- 8 through 18 AWG bare stranded copper

#### Insulation:

- GPT, TWP, SXL, GXL, TXL
- Any color combination
- Solid or striped

*CABLE IS QUOTED AND MANUFACTURED TO CUSTOMER SPECIFICATIONS*

**800-776-9223 (Ohio)**

**800-684-7823 (Texas)**



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