**Products at a Glance**

Products listed are common Kalas products; other products are available upon request. Please contact sales or customer service for your special requests.

### Machine Tool Wire (MTW), Coil Lead, TEW & TR

<table>
<thead>
<tr>
<th>Coil Lead Wire</th>
<th>MTW</th>
<th>TEW</th>
<th>TR32</th>
<th>TR64</th>
</tr>
</thead>
<tbody>
<tr>
<td>Wire CL1251</td>
<td>PVC 90°C</td>
<td>PVC 105°C</td>
<td>PVC 90°C</td>
<td>PVC 90°C</td>
</tr>
<tr>
<td>XLPE 125°C</td>
<td>600 Volts</td>
<td>600 Volts</td>
<td>1400 Volts</td>
<td>600 Volts</td>
</tr>
<tr>
<td>600 Volts</td>
<td>#18 – 500 MCM</td>
<td>#18 – 500 MCM</td>
<td>#18 – #10</td>
<td>#18 – #14</td>
</tr>
<tr>
<td>18 AWG – 4/0</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Miscellaneous

<table>
<thead>
<tr>
<th>Grounding Cable</th>
<th>Landscape Lighting</th>
<th>Transformer Lead Wire</th>
</tr>
</thead>
<tbody>
<tr>
<td>PVC or TPE</td>
<td>PVC 60°C</td>
<td>PVC 105°C</td>
</tr>
<tr>
<td>-50°C – 90°C</td>
<td>-25°C</td>
<td>14 – 4/0 gauge</td>
</tr>
<tr>
<td>600 Volts</td>
<td>150 Volts</td>
<td></td>
</tr>
<tr>
<td>2 – 4/0 gauge</td>
<td>Sunlight Resistant</td>
<td></td>
</tr>
<tr>
<td>Bare Copper 16 – 14 AWG</td>
<td></td>
<td></td>
</tr>
<tr>
<td>10-14 AWG</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Submersible Pump Cable

<table>
<thead>
<tr>
<th>PVC Flat Parallel Pump with Ground*</th>
<th>PVC Flat Heavy Duty Pump with Ground*</th>
</tr>
</thead>
<tbody>
<tr>
<td>75°C Dry 75° Wet 600 Volts</td>
<td>75°C Dry 75° Wet 600 Volts</td>
</tr>
<tr>
<td>14 – 10 AWG 2 or 3 conductor with ground</td>
<td>14 – 10 AWG 2 or 3 conductor with ground</td>
</tr>
<tr>
<td>8 AWG 2 or 3 conductor with # 10 ground</td>
<td>8 AWG 3 conductor with # 8 ground</td>
</tr>
<tr>
<td>6 – 4 AWG 3 conductor with # 8 ground</td>
<td>6 – 4 AWG 3 conductor with # 8 ground</td>
</tr>
<tr>
<td></td>
<td>1/0 – 2/0 3 conductor with #6 ground</td>
</tr>
</tbody>
</table>

### Industrial Power

<table>
<thead>
<tr>
<th>ToughFlex™ EPDM Welding Cable*</th>
<th>FlexWhip™ Welding Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>EPDM Rubber</td>
<td>EPDM Rubber</td>
</tr>
<tr>
<td>-50°C to 105°C</td>
<td>-50°C to 105°C</td>
</tr>
<tr>
<td>600 Volts</td>
<td>600 Volts</td>
</tr>
<tr>
<td>#8 – 4/0</td>
<td>#8 – 3/0 MCM</td>
</tr>
<tr>
<td>NEC 520, 525, 530</td>
<td>UL MSHA, c(UL)</td>
</tr>
<tr>
<td>UL 1680, CSA PVC 22.2 - 96, c(UL)</td>
<td></td>
</tr>
</tbody>
</table>

### Portable Power Cable PCC/PPE

<table>
<thead>
<tr>
<th>Portable Power Cable PCC/PPE</th>
<th>UL-K 90° Welding Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>TPE</td>
<td>PVC / Nitrile Rubber</td>
</tr>
<tr>
<td>-40°C to 90°C Dry; 75°C Wet</td>
<td>-35°C to 90°C</td>
</tr>
<tr>
<td>2000 Volts</td>
<td>90 Volts</td>
</tr>
<tr>
<td>#8 – 4/0</td>
<td>#6 – 4/0</td>
</tr>
<tr>
<td>NEC 400, NFPA 70</td>
<td>MSHA Flame Test</td>
</tr>
<tr>
<td>UL 1650, CSA PVC 22.2 - 96</td>
<td>Sunlight Resistant</td>
</tr>
</tbody>
</table>

### Appliance Wire (AWM)

<table>
<thead>
<tr>
<th>PVC AWM UL</th>
<th>XLPE AWM UL</th>
</tr>
</thead>
<tbody>
<tr>
<td>80°C or 105°C</td>
<td>125°C</td>
</tr>
<tr>
<td>300, 600 or 1000 Volts</td>
<td>600 Volts</td>
</tr>
<tr>
<td>Moisture Resistant</td>
<td>18 AWG – 4/0</td>
</tr>
<tr>
<td>Flat or Round Multiple Conductor</td>
<td></td>
</tr>
<tr>
<td>Also available</td>
<td></td>
</tr>
<tr>
<td>18 AWG – 500 MCM</td>
<td></td>
</tr>
</tbody>
</table>

### Single-Conductor, Thermoplastic Insulation

<table>
<thead>
<tr>
<th>PVC AWM CSA</th>
<th>PVC AWM UL</th>
</tr>
</thead>
<tbody>
<tr>
<td>60°C – 105°C Dry 75°C Wet</td>
<td>125°C</td>
</tr>
<tr>
<td>300 or 600 Volts</td>
<td>600 Volts</td>
</tr>
<tr>
<td>Class I &amp; II Group A &amp; B</td>
<td>18 AWG – 4/0</td>
</tr>
<tr>
<td>Moisture and Oil Resistant</td>
<td></td>
</tr>
<tr>
<td>Also available</td>
<td></td>
</tr>
<tr>
<td>18 AWG – 500 MCM</td>
<td></td>
</tr>
</tbody>
</table>

Please contact your Kalas representative to discuss ampacity and voltage drop values based on NEC standards.

Kalas products are compliant with the requirements of the RoHS directive (2011/65/EU as amended). Specifications contained herein reflect current data and are subject to change.

**Listed**

KALAS MAILING ADDRESS
167 Greenfield Road
Lancaster, PA 17601

KALAS WIRE.COM
P 717-335-0135

Las Vegas Warehouse
4320 North Lamb Blvd.
Suite 300,
Las Vegas, Nevada 89115

Tulsa Warehouse
1810 East Jasper St.
Tulsa, Oklahoma 74110

*Stock Items
# Products at a Glance

Products listed are common Kalas products; other products are available upon request. Please contact sales or customer service for your special requests.

## Automotive

### Auto Duplex
- **Inner Conductors:**
  - PVC 80°C - 105°C
  - XLPE 125°C
- **Jacket:**
  - PVC 80°C - 105°C
  - 18/2 – 10/2 gauge

### Auto Triplex
- **Inner Conductors:**
  - PVC 80°C – 105°C
  - XLPE 125°C
- **Jacket:**
  - PVC 80°C - 105°C
  - 18/3 – 10/3 gauge

### Auto Quadruplex
- **Inner Conductors:**
  - PVC 80°C – 105°C
  - XLPE 125°C
- **Jacket:**
  - PVC 80°C - 105°C
  - 16/4, 14/4, 12/4 gauge

### Booster Duplex Cable
- **Inner Conductors:**
  - PVC or TPE up to 105°C
- **Jacket:**
  - PVC or TPE up to 105°C

### Battery Cable 60 Volts DC
- **Inner Conductors:**
  - PVC SGT 80°C or 105°C
  - EPDM SGR 105°C or 140°C
  - UL SGR 105°C (UL4127)
- **Xlpe:**
  - SGX 125°C
- **Jacket:**
  - PVC 80°C - 105°C
  - 6 gauge – 4/0

### Primary Wire 60 Volts DC
- **Inner Conductors:**
  - PVC 80°C or 105°C
  - TPE 105°C
- **Xlpe:**
  - GXL 125°C
- **Jacket:**
  - PVC or TPE
  - 80°C or 105°C

### Multiple Conductor Trailer Cable
- **Inner Conductors:**
  - PVC 80°C or 105°C
- **Xlpe:**
  - TXL 125°C
- **Jacket:**
  - PVC 80°C - 105°C
  - 18 – 8 gauge

## Construction Wire

### Cathodic Protection Cable
- **Cathodic Protection Cable with Kynar PVDF - Polyvinylidene Fluoride**
  - High Molecular Weight
  - Linear Low Density Polyethylene
  - 75°C
  - 600 Volts
  - Available as UL Listed or non-UL
  - 14 gauge – 4/0

### Thermoset Insulated Wire
- **CSA File # LL22035**
- **RHH 90°C Dry**
- **RHW-2 and USE-2**
- **90°C Dry 90°C Wet**
- **600 Volts**
- **14 AWG – 4/0**

### Thw-2 Single Conductor
- **PVC 90°C Dry 90°C Wet**
- **600 Volts**
- **14 AWG – 4/0**

### Underground Feeder Wire (Uf)
- **PVC Sunlight Resistant**
- **60°C Dry 60°C Wet**
- **600 Volts**
- **14 – 6 AWG**

### Xhhw-2 90°C Wet 90°C Dry
- **600 Volts**
- **12 AWG – 4/0**
- **10 AWG and larger VW-1**

## Marine / Recreation

### Extra Hard Service Cord
- **Pvc Sjt, Sjto, Sjtoo, Sjtw, Stow, Stowo, Stoww, Stowhow, Stowoow**
- **Tpe Jacket, PVC Inners**
- **125°C - 40°C**
- **600 Volts**
- **18 – 4 AWG, 2-4 conductors. Also available with greater than 4 conductors**

### Hard Service Cord
- **Sjt, Sjto, Sjtoo, Sjtw, Stow, Stowo, Stowow**
- **Pvc Jacket, PVC Inners**
- **125°C - 40°C**
- **300 Volts**
- **18 – 10 AWG, 2-4 conductors. Also available with greater than 4 conductors**

### Hard Service Cord
- **Sje, Sjoe, Sjseo, Sjew, Sjeow, Sjewow**
- **Tpe Jacket, PVC Inners**
- **125°C - 40°C or -50°C**
- **300 Volts**
- **18 – 10 AWG, 2-4 conductors. Also available with greater than 4 conductors**

### Hard Service Cord
- **Sje, Sjoe, Sjseo, Sjew, Sjeow, Sjewow**
- **Tpe Jacket, PVC Inners**
- **125°C - 40°C or -50°C**
- **300 Volts**
- **18 – 10 AWG, 2-4 conductors. Also available with greater than 4 conductors**

### Extra Hard Service Cord
- **Se, Sseo, Seo, Sew, Sewow, Sdddow**
- **Tpe Jacket, PVC Inners**
- **125°C - 40°C or -50°C**
- **600 Volts**
- **18 – 4 AWG, 2-4 conductors. Also available with greater than 4 conductors**

### Vacuum Cleaner Cord
- **Svt**
- **PVC**
- **60°C or 105°C**
- **300 Volts**
- **18/3 – 16/3 AWG**
- **18/2 – 16/2 AWG**

### Switchboard Wire Sis Ul And Csa
- **Sis 90°C Dry**
- **600 Volts**
- **14 AWG – 4/0**

### Thw Single Conductor
- **Pvc 75°C Dry 75°C Wet**
- **600 Volts**
- **14 AWG – 4/0**

### Uf-B With Ground
- **Pvc/Nylon Conductors with PVC/Jacket**
- **Sunlight Resistant**
- **90°C**
- **600 Volts**
- **14 – 6 AWG**

### Booster Duplex Cable
- **Inner Conductors:**
  - PVC or TPE up to 105°C
- **Jacket:**
  - PVC or TPE up to 105°C

### Auto Tripex
- **Inner Conductors:**
  - PVC 80°C – 105°C
  - XLPE 125°C
- **Jacket:**
  - PVC 80°C - 105°C
  - 18/3 – 10/3 gauge

### Auto Quadruplex
- **Inner Conductors:**
  - PVC 80°C – 105°C
  - XLPE 125°C
- **Jacket:**
  - PVC 80°C - 105°C
  - 16/4, 14/4, 12/4 gauge

### Multiple Conductor Trailer Cable
- **Inner Conductors:**
  - PVC 80°C or 105°C
- **Xlpe:**
  - TXL 125°C
- **Jacket:**
  - PVC or TPE
  - 80°C or 105°C

### Triplex
- **Inner Conductors:**
  - PVC 80°C – 105°C
  - XLPE 125°C
- **Jacket:**
  - PVC 80°C - 105°C
  - 18/3 – 10/3 gauge

### Quadruplex
- **Inner Conductors:**
  - PVC 80°C – 105°C
  - XLPE 125°C
- **Jacket:**
  - PVC 80°C - 105°C
  - 16/4, 14/4, 12/4 gauge