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Suitable for Copper or Aluminum Conductors

- Cold Shrink Splice Kits
  Suitable for indoor and outdoor use 5, 15 or 35KV rated

- Cold Shrink Termination Kits
  Suitable for indoor and outdoor use 5, 15 or 35KV rated

- Loadbreak Elbows
  15, 25 or 35KV rated

Also Available
- 1 hole or 2 hole Lugs
- Medium Voltage Pulling Eyes

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Medium Voltage Power Cable
### 5kV 1/C EPR MV-105 EASY GLIDER™ (Tape Shield)

**Description:** Prysmian’s Easy Glider™ cable is designed to facilitate conduit installation without the application of conduit seaming, permitting quick installation. The cable is suitable for use in electrical systems that are not temperature sensitive. The single conductor cable consists of a stranded, soft drawn, annealed copper conductor, extruded thermosetting semiconducting shield and jacket, and a helically applied tape shield. The cable is designed to be used in 20°C ambient temperature conditions (when solid), and 80°C constant temperature when stranded.

<table>
<thead>
<tr>
<th>Conductors (MCM)</th>
<th>Insulation</th>
<th>Conductor Insulation Insulation Jacket Cable Minimum Bending</th>
<th>Weight</th>
<th>*Ampacity</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/0 AWG CU</td>
<td>Standard PVC jacket</td>
<td>Black, sunlight resistant, low coefficient of friction, polyvinyl chloride (PVC) jacket tightly applied over the copper tape.</td>
<td>230</td>
<td>240</td>
</tr>
<tr>
<td>2/0 AWG CU</td>
<td>Standard PVC jacket</td>
<td>Black, sunlight resistant, low coefficient of friction, polyvinyl chloride (PVC) jacket tightly applied over the copper tape.</td>
<td>350</td>
<td>360</td>
</tr>
<tr>
<td>3/0 AWG CU</td>
<td>Standard PVC jacket</td>
<td>Black, sunlight resistant, low coefficient of friction, polyvinyl chloride (PVC) jacket tightly applied over the copper tape.</td>
<td>500</td>
<td>520</td>
</tr>
<tr>
<td>4/0 AWG CU</td>
<td>Standard PVC jacket</td>
<td>Black, sunlight resistant, low coefficient of friction, polyvinyl chloride (PVC) jacket tightly applied over the copper tape.</td>
<td>650</td>
<td>670</td>
</tr>
</tbody>
</table>

### 15kV 1/C EPR MV-105 EASY GLIDER™ (Tape Shield)

**Description:** Prysmian’s Easy Glider™ cable is designed to facilitate conduit installation without the application of conduit seaming, permitting quick installation. The cable is suitable for use in electrical systems that are not temperature sensitive. The single conductor cable consists of a stranded, soft drawn, annealed copper conductor, extruded thermosetting semiconducting shield and jacket, and a helically applied tape shield. The cable is designed to be used in 20°C ambient temperature conditions (when solid), and 80°C constant temperature when stranded.

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<td>240</td>
</tr>
<tr>
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<td>Standard PVC jacket</td>
<td>Black, sunlight resistant, low coefficient of friction, polyvinyl chloride (PVC) jacket tightly applied over the copper tape.</td>
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### 35kV 1/C EPR MV-105 EASY GLIDER™ (Tape Shield)

**Description:** Prysmian’s Easy Glider™ cable is designed to facilitate conduit installation without the application of conduit seaming, permitting quick installation. The cable is suitable for use in electrical systems that are not temperature sensitive. The single conductor cable consists of a stranded, soft drawn, annealed copper conductor, extruded thermosetting semiconducting shield and jacket, and a helically applied tape shield. The cable is designed to be used in 20°C ambient temperature conditions (when solid), and 80°C constant temperature when stranded.
### 5kV 1/C EPR MV-105 EASY GLIDER™ (Tape Shield)

**Description:** Prysmian’s Easy Glide™ Cable is designed to facilitate conduit installation without the application of mechanical or chemical agents. The cable utilizes a thermosetting extruded insulation system consisting of a thermosetting semiconducting conductor shield, high dielectric strength EPR insulation, and a thermosetting extruded jacket. Prysmian’s Easy Glide™ Cable utilizes: helically applied bare copper tape shield, and black low coefficient of friction, PVC jacket.

**Conductor:** Class 2 concentric stranded conductors will be drawn annealed copper per ASTM B 39."d". Conductor shields shall be drawn thermoset semiconducting shielding which is free from stripping from the conductor and the jacket. Shielding shall be a combination of a semiconducting layer bonded to the insulation, a thermoset semiconducting conductor shield, and a thermosetting extruded jacket.

**Shielding and Agents:** Prysmian’s Easy Glide™ Cable is designed to facilitate conduit installation without the application of mechanical or chemical agents. Conductors and shield shall be drawn annealed copper per ASTM B 39."d" and with Class 2 concentric stranded conductors will be drawn annealed copper per ASTM B 39."d". The extruded thermosetting semiconducting shielding which is free from stripping from the conductor and the jacket. Helically applied bare copper tape shield, and black low coefficient of friction, PVC jacket.

**Conductor (mils) (in) (in) Diameter (in) (in) (lbs/kft) Radius (in) (amps) Bending *Ampacity**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>3/0 AWG CU</td>
<td>0.423</td>
<td>0.70</td>
<td>0.76</td>
<td>0.92</td>
<td>857</td>
<td>12</td>
</tr>
<tr>
<td>2/0 AWG CU</td>
<td>0.376</td>
<td>0.85</td>
<td>0.91</td>
<td>1.07</td>
<td>863</td>
<td>13</td>
</tr>
<tr>
<td>1 AWG CU</td>
<td>0.299</td>
<td>0.58</td>
<td>0.63</td>
<td>0.77</td>
<td>514</td>
<td>10</td>
</tr>
<tr>
<td>2 AWG CU</td>
<td>0.266</td>
<td>0.54</td>
<td>0.60</td>
<td>0.73</td>
<td>424</td>
<td>9</td>
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### 5kV 1/C EPR MV-105 EASY GLIDER™ (Tape Shield)

**Conductor:**
- Class 1 round conductors compact stranded will be drawn annealed copper per ASTM B-235.
- Conductors will be extruded thermosetting semiconducting shield which is free from the conductor and stranded copper.
- Insulation: Extruded natural high dielectric strength EPROTENAX™ EPR insulation, thermosetting semiconducting insulation
- Jacket: LLDPE*, CPE or LSOH Jacket
- Metallic Shield: Helically applied non-magnetic copper tape over the insulation shall not exceed “Isolated in Air” values noted above.

**Specifications:**
- **Classification:** A
- **Material:** Standard PVC jacket
- **Suitable for:** CSA C-68.10 (FT4 250 MCM and larger)
- **Physical Properties:**
  - **Conductor Diameter:**
    - Copper: 0.742 in
    - Aluminum: 1.12 in
  - **Conductor Diameter (lbs/kft):**
    - Copper: 20
    - Aluminum: 18
  - **Conductor Thickness:**
    - Copper: 0.70 in
    - Aluminum: 0.68 in
  - **Conductor Diameter:**
    - Copper: 0.55 in
    - Aluminum: 0.55 in
  - **Conductor Diameter (mils):**
    - Copper: 345
    - Aluminum: 345
  - **Conductor Diameter:**
    - Copper: 12
    - Aluminum: 12
  - **Conductor Diameter (amps):**
    - Copper: 23
    - Aluminum: 15
  - **Conductor Diameter:**
    - Copper: 14
    - Aluminum: 14
  - **Conductor Diameter (mils):**
    - Copper: 500
    - Aluminum: 500
  - **Conductor Diameter:**
    - Copper: 19
    - Aluminum: 17
  - **Conductor Diameter:**
    - Copper: 26
    - Aluminum: 26
  - **Conductor Diameter:**
    - Copper: 27
    - Aluminum: 27
  - **Conductor Diameter:**
    - Copper: 21
    - Aluminum: 21
  - **Conductor Diameter:**
    - Copper: 19
    - Aluminum: 19

**Ratings:**
- **Type MV-105 Sunlight Resist for CT Use (10 AWG and Larger):**
  - Copper: 100% Copper One Conductor
  - Aluminum: 100% Copper One Conductor
- **Multiplex cables:**
  - Compressed or compact stranded conductors
  - Cabled in groups of standard cables
  - Copper: CEA-ICE-ICEA S-93-639 (FT4 250 MCM and larger)
  - Aluminum: CEA-ICE-ICEA S-93-639 (FT4 250 MCM and larger)
  - Jacket: Standard PVC jacket
  - Insulation: Extruded thermosetting semiconducting shield with controlled adhesion to the insulation providing the required balance between electrical integrity and ease of stripping.

**Options:**
- **Coated accessories:**
  - Copper: CSA-CSA 648 (FT4 250 MCM and larger)
  - Aluminum: CSA-CSA 648 (FT4 250 MCM and larger)

**Description:**
- Prysmian’s Easy Glider™ cable is designed to facilitate conduit installation without the application of pulling lubricant. Single conductor cable with stranded copper or aluminum conductor in an uncovered cable tray, with a maintained space of not less than one cable diameter between individual conductors, the ampacities of which shall not be reduced below those indicated above.

### 15kV 1/C EPR MV-105 EASY GLIDER™ (Tape Shield)

**Conductor:**
- Class 1 round conductors compact stranded will be drawn annealed copper per ASTM B-235.
- Conductors will be extruded thermosetting semiconducting shield which is free from the conductor and stranded copper.
- Insulation: Extruded natural high dielectric strength EPROTENAX™ EPR insulation, thermosetting semiconducting insulation
- Jacket: LLDPE*, CPE or LSOH Jacket
- Metallic Shield: Helically applied non-magnetic copper tape over the insulation shall not exceed “Isolated in Air” values noted above.

**Specifications:**
- **Classification:** A
- **Material:** Standard PVC jacket
- **Suitable for:** CSA C-68.10 (FT4 250 MCM and larger)
- **Physical Properties:**
  - **Conductor Diameter:**
    - Copper: 0.58 in
    - Aluminum: 0.58 in
  - **Conductor Diameter (lbs/kft):**
    - Copper: 27
    - Aluminum: 19
  - **Conductor Diameter (mils):**
    - Copper: 341
    - Aluminum: 341
  - **Conductor Diameter:**
    - Copper: 12
    - Aluminum: 12
  - **Conductor Diameter:**
    - Copper: 14
    - Aluminum: 14
  - **Conductor Diameter:**
    - Copper: 17
    - Aluminum: 17
  - **Conductor Diameter:**
    - Copper: 21
    - Aluminum: 21

**Ratings:**
- **Type MV-105 Sunlight Resist for CT Use (10 AWG and Larger):**
  - Copper: 100% Copper One Conductor
  - Aluminum: 100% Copper One Conductor
- **Multiplex cables:**
  - Compressed or compact stranded conductors
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### 35kV 1/C EPR MV-105 EASY GLIDER™ (Tape Shield)

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- Jacket: LLDPE*, CPE or LSOH Jacket
- Metallic Shield: Helically applied non-magnetic copper tape over the insulation shall not exceed “Isolated in Air” values noted above.

**Specifications:**
- **Classification:** A
- **Material:** Standard PVC jacket
- **Suitable for:** CSA C-68.10 (FT4 250 MCM and larger)
- **Physical Properties:**
  - **Conductor Diameter:**
    - Copper: 0.55 in
    - Aluminum: 0.55 in
  - **Conductor Diameter (lbs/kft):**
    - Copper: 29
    - Aluminum: 29
  - **Conductor Diameter (mils):**
    - Copper: 345
    - Aluminum: 345
  - **Conductor Diameter:**
    - Copper: 12
    - Aluminum: 12
  - **Conductor Diameter:**
    - Copper: 14
    - Aluminum: 14
  - **Conductor Diameter:**
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    - Aluminum: 17

**Ratings:**
- **Type MV-105 Sunlight Resist for CT Use (10 AWG and Larger):**
  - Copper: 100% Copper One Conductor
  - Aluminum: 100% Copper One Conductor
- **Multiplex cables:**
  - Compressed or compact stranded conductors
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  - Copper: CEA-ICE-ICEA S-93-639 (FT4 250 MCM and larger)
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  - Copper: CSA-CSA 648 (FT4 250 MCM and larger)
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**Author:**

**Date:**

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**Notes:**

- The above dimensions are approximate and subject to normal manufacturing tolerances.
- In Cable Tray Per 2011 NEC Article 392.80(B)(2)(a), Three single cables in plastic manufacturing tolerances.
- Jackets and conductors shall be bonded to the insulation.
- In Conduit Per 2011 NEC Article 392.80(B)(2)(b), for single cables in plastic manufacturing tolerances.