

# WIRE ARMOUR™

## PROFESSIONAL ELECTRICAL TAPE

When performance matters, count on WireArmour™ Electrical Tape from IDEAL Electrical to get the job done.



### DESIGN | SIMPLIFY

IDEAL® Electrical is the Electrician's Champion™ and we design tools and supplies to simplify each job while handling the most challenging environments.

THE ELECTRICIAN'S  
**CHAMPION™**



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# WIRE ARMOUR™

## PROFESSIONAL LINE OF ELECTRICAL TAPE

### Electrical Vinyl Tape

#### Premium Professional

- Primary insulation up to 600V and 105°C
- Cold and weather resistant
- Great elasticity
- Flame retardant
- Great resistance to sun, water, oil, acids, alkalis and corrosive chemicals
- Multiple colors available for marking and identification of phases
- Highly UV resistant



| PREMIUM PROFESSIONAL | Part No.      | Color  | Size                | UPC Code     |
|----------------------|---------------|--------|---------------------|--------------|
|                      | 46-33         | Black  | 3/4" x .007" x 66'  | 783250799022 |
|                      | 46-88         |        | 3/4" x .0085" x 66' | 783250796076 |
|                      | 46-88-1.5x66  |        | 1-1/5" x 66'        | 783250410514 |
|                      | 46-88-1.5x108 |        | 1-1/2" x 108'       | 783250326419 |
|                      | 46-88-2x66    |        | 2" x 66'            | 783250344987 |
|                      | 46-35-WHT     | White  | 3/4" x .007" x 66'  | 783250796007 |
|                      | 46-35-BLU     | Blue   |                     | 783250795987 |
|                      | 46-35-RED     | Red    |                     | 783250795994 |
|                      | 46-35-GRN     | Green  |                     | 783250796014 |
|                      | 46-35-YLW     | Yellow |                     | 783250796021 |
|                      | 46-35-ORN     | Orange |                     | 783250796038 |
|                      | 46-35-BRN     | Brown  |                     | 783250796045 |
|                      | 46-35-GRY     | Gray   |                     | 783250796052 |
|                      | 46-35-VIO     | Violet |                     | 783250796069 |
|                      | 46-PRO        | Black  | 3/4" x .007" x 66'  | 783250809691 |



#### General Purpose

- Primary insulation up to 600V and 80°C
- Good elasticity
- Flame retardant
- Affordable solution
- Available in multiple colors for wire marking and identification



| GENERAL PURPOSE | Part No.     | Color  | Size               | UPC Code     |
|-----------------|--------------|--------|--------------------|--------------|
|                 | 46-1700      | Black  | 3/4" x .007" x 60' | 783250795963 |
|                 | 46-1700C-WHT | White  | 3/4" x .007" x 66' | 783250809950 |
|                 | 46-1700C-BLU | Blue   |                    | 783250809899 |
|                 | 46-1700C-RED | Red    |                    | 783250809943 |
|                 | 46-1700C-GRN | Green  |                    | 783250809912 |
|                 | 46-1700C-YLW | Yellow |                    | 783250809967 |
|                 | 46-1700C-ORN | Orange |                    | 783250809936 |
|                 | 46-1700C-BRN | Brown  |                    | 783250809905 |
|                 | 46-1700C-GRY | Gray   |                    | 783250809929 |
|                 | 46-1700C-VIO | Violet |                    | 783250809974 |

## Special Use Tape

### Linerless Rubber Tape

- Primary insulation up to 69kV
- Linerless ethylene rubber
- Excellent conformability to complex shapes
- Moisture, corrosion, and chemical resistant
- High thermal conductivity allowing heat to dissipate from joint
- Overload temperature: 266°F
- Elongation: 890%



| Part No.                | Dimensions           | UPC Code     |
|-------------------------|----------------------|--------------|
| <b>46-130C-3/4x30</b>   | 3/4" x 0.03" x 30'   | 783250809844 |
| <b>46-130C-1x30</b>     | 1" x 0.03" x 30'     | 783250809875 |
| <b>46-130C-1-1.5x30</b> | 1-1/2" x 0.03" x 30' | 783250809851 |
| <b>46-130C-2x30</b>     | 2" x 0.03" x 30'     | 783250809868 |

### Mastic Pads

- Primary insulation up to 1kV
- Superior adhesion and dielectric strength
- Sealing and insulating for buried, submerged or overhead electrical connections
- Resistant to UV rays and impermeable to ozone, water, soil, dirt and corrosive chemicals
- Overload temperature: 266°F
- Package of 10



| Part No.             | Dimensions          | UPC          |
|----------------------|---------------------|--------------|
| <b>46-2200-6.5x4</b> | 6-1/2" x 0.13" x 4" | 783250810284 |

### Rubber Mastic Tape

- Primary insulation up to 2kV
- Insulating and moisture sealing splices and terminations
- Moisture, corrosion and chemical resistant
- Suitable for direct burial and overhead applications
- Overload Temperature: 266°F
- Elongation: 890%



| Part No.            | Dimensions        | UPC          |
|---------------------|-------------------|--------------|
| <b>46-2228-1x10</b> | 1" x 0.065" x 10' | 783250809882 |

### Corrosion Tape

- Protects pipe, joints, conduit and couplings in overhead or direct burial applications
- Highly resistant to sun, water, oil, acids, alkalies, and corrosive chemicals
- Bacteria and fungus resistant
- Pressure sensitive
- Thickness: 10mil



| Part No.               | Dimensions        | UPC Code     |
|------------------------|-------------------|--------------|
| <b>46-50-UNPRINT-2</b> | 2" x 0.01" x 100' | 783250809981 |



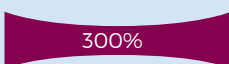
# WIRE ARMOUR™

## PROFESSIONAL LINE OF ELECTRICAL TAPE

### When is the last time you looked at your tape?

With so many options available, making the right choice for your application can be difficult. Use the below selection guide to quickly compare and contrast our offering and determine which option is best suited to your needs.



|                                | Heavy-Duty<br>46-88  | Premium<br>Professional<br>46-33  | Premium<br>Professional<br>Color Coding<br>46-35-XXX*  | Mid-Grade<br>Contractor<br>Pro<br>46-PRO  | General<br>Purpose<br>46-1700C-XXX  |
|--------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------|
| Thickness                      | <br>8.5 MIL          | <br>7.0 MIL                       | <br>7.0 MIL                                             | <br>7.0 MIL                               | <br>7.0 MIL                         |
| Low Temperature Rating         | 0°F (-18°C)        | 0°F (-18°C)                     | 14°F (-10°C)                                         | 14°F (-10°C)                            | 32°F (0°C)                        |
| High Temperature Rating        | 221°F (105°C)      | 221°F (105°C)                   | 221°F (105°C)                                        | 221°F (105°C)                           | 176°F (80°C)                      |
| Flame Retardant                | Yes                | Yes                             | Yes                                                   | Yes                                     | Yes                               |
| Adhesion Strength              | 20 oz./in.         | 20 oz./in.                      | 20 oz./in.                                           | 17 oz./in.                              | 16 oz./in.                        |
| Elongation                     | <br>300%           | <br>260%                        | <br>200%                                              | <br>220%                                | <br>200%                          |
| Tensile Strength               |  20 lb./in.        |  17 lb./in.                     |  17 lb./in.                                           |  17 lb./in.                             |  16 lb./in.                       |
| Dielectric Strength (Standard) |  10,000 V          |  9,000 V                        |  7,500 V                                              |  7,500 V                                |  7,000 V                          |
| Available Colors               |                    |                                 |                                                      |                                         |                                   |

\*XXX for color coding, replace with three-digit color abbreviation.



IDEAL INDUSTRIES, INC.