

WIRE ARMOUR™

PROFESSIONAL ELECTRICAL TAPE

When performance matters, count on WireAmour™ 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™



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



	Part No.	Color	Size	UPC Code
PREMIUM PROFESSIONAL	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
Contracor Pro	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



	Part No.	Color	Size	UPC Code
GENERAL PURPOSE	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
46-130C-3/4x30	3/4" x 0.03" x 30'	783250809844
46-130C-1x30	1" x 0.03" x 30'	783250809875
46-130C-1-1.5x30	1-1/2" x 0.03" x 30'	783250809851
46-130C-2x30	2" x 0.03" x 30'	783250809868

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
46-2228-1x10	1" x 0.065" x 10'	783250809882

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
46-2200-6.5x4	6-1/2" x 0.13" x 4"	783250810284

Corrosion Tape

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



Part No.	Dimensions	UPC Code
46-50-UNPRINT-2	2" x 0.01" x 100'	783250809981



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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 46-88 	Premium Professional 46-33 	Premium Professional Color Coding 46-35-XXX* 	Mid-Grade Contractor Pro 46-PRO 	General Purpose 46-1700C-XXX 
Thickness	 8.5 MIL	 7.0 MIL	 7.0 MIL	 7.0 MIL	 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	 300%	 260%	 200%	 220%	 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.



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