

# WIRE ARMOUR™

## PROFESSIONAL ELECTRICAL TAPE

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



**Premium Professional**  
Colour-Coding | Heavy Duty | Contractor Pro

**General Purpose**  
Black | Colour-Coding

**Special Use Tapes**  
Linerless Rubber Tape | Mastic Pads  
Rubber Mastic Tape | Corrosion Tape

THE ELECTRICIAN'S  
**CHAMPION™**



# WIRE ARMOUR

## VINYL ELECTRICAL TAPE



### Premium Professional

- 3/4" x 66' x 7 mil thickness
- Primary insulation up to 600V
- Cold and weather resistant - rated up to 105°C
- Great elasticity
- Flame retardant
- Highly resistant to UV, water, oil, acids, alkalis and corrosive chemicals
- Nine colours and black available for marking and phase identification



DESCRIPTION	COLOUR	PART #
Wire Armour™ Premium Grade Electrical Tape	Black	<b>46-33</b>
	White	<b>46-35-WHT</b>
	Blue	<b>46-35-BLU</b>
	Red	<b>46-35-RED</b>
	Green	<b>46-35-GRN</b>
	Yellow	<b>46-35-YLW</b>
	Orange	<b>46-35-ORN</b>
	Brown	<b>46-35-BRN</b>
	Gray	<b>46-35-GRY</b>
	Violet	<b>46-35-VIO</b>

### Heavy Duty 8.5 mil

All weather, heavy-duty, vinyl tape that provides a thicker layer for added protection.

- 8.5 mil thickness
- Cold and weather resistant to -18°C
- High dielectric strength and elasticity

DESCRIPTION	SIZE	PART #
Wire Armour™ Heavy Duty 8.5mil Electrical Tape	3/4" x 66'	<b>46-88</b>
	1-1/2" x 66'	<b>46-88-1.5x66</b>
	1-1/2" x 108'	<b>46-88-1.5x108</b>
	2" x 66'	<b>46-88-2x66</b>

### General Purpose

- 3/4" x 66' x 7 mil thickness
- Primary insulation up to 600V
- Rated up to 80°C
- Good elasticity
- Flame retardant
- Affordable solution
- Nine colours and black available for marking and phase identification



DESCRIPTION	COLOUR	PART #
Wire Armour™ General Purpose Electrical Tape	Black	<b>46-1700</b>
	White	<b>46-1700C-WHT</b>
	Blue	<b>46-1700C-BLU</b>
	Red	<b>46-1700C-RED</b>
	Green	<b>46-1700C-GRN</b>
	Yellow	<b>46-1700C-YLW</b>
	Orange	<b>46-1700C-ORN</b>
	Brown	<b>46-1700C-BRN</b>
	Gray	<b>46-1700C-GRY</b>
	Violet	<b>46-1700C-VIO</b>

### Contractor Pro

Mid-grade vinyl tape for all kinds of mechanical and electrical applications.

- 7 mil thickness
- Weather resistant to -10°C
- High dielectric strength and elasticity
- Flame retardant



DESCRIPTION	PART #
Wire Armour™ Contractor Pro Tape	<b>46-PRO</b>

## SPECIAL USE TAPES

### 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%



DESCRIPTION	SIZE	PART #
Wire Armour™ Linerless Rubber Tape	3/4" x 30'	<b>46-130C-3/4x30</b>
	1" x 30'	<b>46-130C-1x30</b>
	1-1/2" x 30'	<b>46-130C-1-1.5x30</b>
	2" x 30'	<b>46-130C-2x30</b>

### Vinyl Mastic Pads

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



DESCRIPTION	PART #
Wire Armour™ Vinyl Mastic Pads	<b>46-2200-6.5X4</b>

### 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%



DESCRIPTION	PART #
Wire Armour™ Rubber Mastic Tape	<b>46-2228-1x10</b>

### Corrosion Protection 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



DESCRIPTION	PART #
Wire Armour™ Corrosion Protection Tape	<b>46-50-UNPRINT-2</b>

# WIRE ARMOUR™

## PROFESSIONAL ELECTRICAL TAPES

### 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.



**1700**

General Purpose



**1700C**

General Purpose Colour Coding



**33**

Premium Grade



**35**

Premium Colour Coding



**88**

Heavy Duty 8.5 mil



**PRO**

Contractor Pro Mid-Grade

<b>Thickness</b>	7 mil	7 mil	7 mil	7 mil	8.5 mil	7 mil
<b>Low Temperature</b>	0°C	0°C	-18°C	-10°C	-18°C	-10°C
<b>High Temperature</b>	80°C	80°C	105°C	105°C	105°C	105°C
<b>Flame Retardant</b>	Yes	Yes	Yes	Yes	Yes	Yes
<b>Adhesion Strength</b>	16 oz/in	16 oz/in	20 oz/in	20 oz/in	20 oz/in	17 oz/in
<b>Elongation</b>	200%	200%	260%	200%	300%	220%
<b>Tensile Strength</b>	16 lb/in	16 lb/in	17 lb/in	17 lb/in	20 lb/in	17 lb/in
<b>Dielectric Strength</b>	7,000 V	7,000 V	9,000 V	7,500 V	10,000 V	7,500 V
<b>Colours</b>	●	●●●●●●●●	●	●●●●●●●●	●	●

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