

# Wraprot™ A6500 Wire ID Printer Applicator

## Wraprot™ A6500

WIRE ID PRINTER APPLICATOR

### Automating the identification process

The Wraprot A6500 helps you move through your work faster and takes manual processes out of your hands. With this innovative print and apply machine, you can move your productivity forward — and turn a series of labor-intensive, inefficient tasks into a modern automated process. Benefits include:

#### Increased Productivity

- Save time and labor by printing and applying labels in 5 seconds in a modern automated process.

#### Easy to Use

- Includes a 7" full color touch screen and an icon based user interface for ease-of-use.

#### Easy to Connect

- Enhanced connectivity, three USB ports and 32GB of internal memory to store commonly used job files.

**Wraprot will print and apply wire wrap labels and self-laminating labels in one quick action.**



new



#### ▶ Wraprot At-A-Glance

- Prints and applies wire labels in a one-step process
- Wraps labels in less than 5 seconds
- 300 dpi single color printing
- Uses Wraprot-specific label rolls

#### ▶ Wraprot Supplies

Wraprot label rolls..... page 236  
 Wraprot print ribbons..... page 237



Material rolls on the following pages are designed specifically for use in the Wraprot only.

Catalog #	Description
WRAPTOR-A6500	Wraprot A6500 Wire ID Printer* w/ Brady Workstation Product and Wire ID Suite
360-WRAPTOR-1V1Y	BRADY360 Care - Wraprot 1 Visit / 1 Year

\* Printer includes print driver, USB cable, USB flash drive, stylus, roll of WRAP-4-427, roll of R4302 ribbon.

**For In-Line Cut and Strip Applications:** Contact Brady at 1-888-272-3946 for all in-line cut and strip applications. Special restrictions apply.

Specialty Systems

Wraprot



Select print job through intuitive touch screen interface.



Insert wire or cable. Wraprot prints and wraps in under 5 seconds!



Your label is tightly wrapped and ready to go saving you time and effort.

# Wraprot™ A6500 Wire ID Printer Applicator

Wraprot A6500 Specifications	
<b>Typical throughput &amp; operational hours</b>	7000+ labels/day 24 hrs / 7 days
<b>Print method and color capabilities</b>	Thermal Transfer; Monochrome
<b>Print resolution</b>	300 dpi
<b>Print width (max cross-web)</b>	2.000 in.
<b>Media width (cross-web w/ liner)</b>	0.50 in., 1.00 in., 2.00 in.
<b>Label length (down-web)</b>	0.50 in. minimum*
<b>Auto cut-off</b>	N/A
<b>PC connect or standalone operation</b>	PC connect or standalone with stored label files
<b>Ribbon and material installation</b>	<b>Labels:</b> Loose roll, "thread-thru" required <b>Ribbon:</b> Loose roll, "thread-thru" required
<b>Calibration required</b>	Yes
<b>Label creation and set-up</b>	Semi-automatic (select label part from software and label sets up)
<b>Interfaces and connections</b>	Standard: Three USB, I/O interface, stock light relay port, USB 2.0 (for PC), Ethernet 10/100
<b>Label creation software</b>	Brady Workstation (free download) Brady Labelmark™ Software Codesoft™ Software, Windows® driver
Specialty Material Recommendations	
Only the labels appearing on page 236 are compatible with the Wraprot A6500 Wire ID Printer.	

\* Estimates for comparative purposes only. Actual throughput affected by multiple factors including label size, materials, print speed and label content.

Windows® is a registered trademark of Microsoft.  
Nomex® is a registered trademark of DuPont.



## Brady Workstation Apps

Brady has revolutionized its label creation software by now offering apps specific to your projects.

Once the free Brady Workstation is installed on your PC, you can then download a variety of free or paid labeling apps, including Custom Designer, Advanced Import, Advanced Sequence, Arc Flash Labels, Template Editor and more.



**Included software:**  
**Product and Wire Identification Suite**  
**13 apps designed for product and wire marking**

When you need to create product identification and wire marking labels, the Product and Wire Identification Suite is your go-to solution. It allows you to create basic text labels or labels with graphics and custom formatting, and serialize and import data.

*Apps included: Custom Designer, Text Labels, Excel Import, Advanced Import, Sequence, Advanced Sequence, Flip Flop, Template Editor, Batch Print, Label Settings, Print Partner, Manage Files and Network Printers.*

**For more information on all Brady Workstation apps, view page 244.**



1. Download Brady Workstation at [workstation.bradyid.com](http://workstation.bradyid.com)



2. Fill your workstation with individual apps or an entire suite.



3. Save time by quickly designing labels and printing to your printer.

## Upgrade Your Current Wraprot Printer

Upgrade your Wraprot Printer Applicator (#WRAPROT-PTR) and get the latest enhancements, including:

- Completely new electronics with 32GB internal memory
- New 7 in. color-touch screen
- New front cover including adjustable display mount and front accessible USB port
- New back connector interface with USB and Ethernet ports
- New Split Side Door to reduce the clearance required to open the door

*The upgrade does not include repairs to the mechanical portion of the Wraprot that can be done at standard pricing, or as part of your Brady360 service agreement. This upgrade is not field installable and must be done at the factory.*

## Brady360® 1 Year Warranty We have you covered.



Extend the life of your machine! Warranty coverage ensures your wire marking system is in peak running condition and gives you convenient on-site preventive service — you don't even need to leave your facility. We know you need to keep working, so you'll get a loaner to keep your business moving.

### Free 1-year warranty standard on Wraprot Wire ID Printer:

- Warranty coverage for 1 year
- No cost ground shipping for all repairs
- Part and labor included (includes print head; excludes V-block)
- Guaranteed loaner availability
- One annual on-site preventive maintenance service during coverage
- 1/2 price emergency on-site service
- Renewal available with approved printer inspection

### Extend your warranty coverage with Brady360 Care Wraprot 1 Visit / 1 Year (catalog# 360-WRAPROT-1V1Y)

- Covers all shipping via ground at no cost
- Guaranteed loaner availability
- Annual on-site preventative maintenance service
- Half price emergency on-site service

# Wraptor™ A6500 Wire ID Printer Applicator

## Materials for Wraptor™ Wire ID Printers

The following catalog numbers beginning with "WRAP" are specially designed for use in the new Wraptor A6500 Printer and the legacy Wraptor Printer (#WRAPTOR-PTR).

### B-427 Self-Laminating Wire Material

Color: White/Clear

Finish: Matte

Self-laminating vinyl features white printable area with a clear "tail" that wraps around marker. Tail serves as overlaminate to protect the print. Superior resistance to abrasion, solvents, water, oil and dirt.

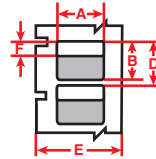


Figure 14



Performance Attributes:



Diagram	Catalog #	Material	Color	Wire Gauge	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Write On Area F Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 14	WRAP-1-427	Vinyl	White	18-22g; 0.06" - 0.08" dia	0.500 (12.7)	0.750 (19.1)	0.875 (22.2)	0.790 (20.1)	0.375 (9.5)	1	6800	R4311
Fig. 14	WRAP-2-427	Vinyl	White	12-18g; 0.08" - 0.159" dia	1.000 (25.4)	1.000 (25.4)	1.125 (28.6)	1.290 (32.8)	0.375 (9.5)	1	5300	R4306
Fig. 14	WRAP-3-427	Vinyl	White	10-14g; 0.159" - 0.199" dia	1.000 (25.4)	1.250 (31.8)	1.375 (34.9)	1.290 (32.8)	0.500 (12.7)	1	4300	R4306
Fig. 14	WRAP-11-427	Vinyl	White	6-14g; 0.159" - 0.279" dia	0.500 (12.7)	1.500 (38.1)	1.625 (41.3)	0.790 (20.1)	0.500 (12.7)	1	3600	R4311
Fig. 14	WRAP-4-427	Vinyl	White	6-14g; 0.159" - 0.279" dia	1.000 (25.4)	1.500 (38.1)	1.625 (41.3)	1.290 (32.8)	0.500 (12.7)	1	3600	R4306
Fig. 14	WRAP-12-427	Vinyl	White	6-14g; 0.159" - 0.279" dia	2.000 (50.8)	1.500 (38.1)	1.625 (41.3)	2.290 (58.2)	0.500 (12.7)	1	3600	R4302
Fig. 14	WRAP-10-427	Vinyl	White	1/0-8g; 0.239" - 0.438" dia	1.000 (25.4)	2.250 (57.2)	2.375 (60.3)	1.290 (32.8)	0.750 (19.1)	1	2500	R4306
Fig. 14	WRAP-5-427	Vinyl	White	1/0-8g; 0.239" - 0.517" dia	1.000 (25.4)	2.500 (63.5)	2.625 (66.7)	1.790 (45.5)	0.750 (19.1)	1	2200	R4306
Fig. 14	WRAP-6-427	Vinyl	White	3/1-6g; 0.318" - 0.597" dia	2.000 (50.8)	3.000 (76.2)	3.125 (79.4)	2.290 (58.2)	1.000 (25.4)	1	1900	R4302

### B-472 Polyimide Wirewrap Material

Color: White

Finish: Matte

Polyimide wire and cable material specifically designed to self-extinguish and prevent flames from propagating. This material is ideal for wire and cable identification in extreme environments, particularly in the aerospace, defense and mass transit industries.

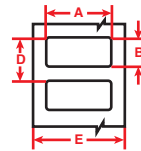


Figure 2



Performance Attributes:



Diagram	Catalog #	Material	Color	Wire Gauge	Label Width A Inch (mm)	Label Height B Inch (mm)	Vert. Repeat D Inch (mm)	Web Width E Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 2	WRAP-1-472	Polyimide	White	10-14g; 0.159" - 0.199" dia	0.750 (19.1)	0.500 (12.7)	0.875 (22.2)	0.790 (20.1)	1	6800	R4311
Fig. 2	WRAP-6-472	Polyimide	White	3/0-8g; 0.212" - 0.597" dia	2.000 (50.8)	3.000 (76.2)	3.125 (79.4)	2.290 (58.2)	1	1900	R4302

### B-499 Nylon Cloth Material

Color: White

Finish: Matte

Nylon cloth with permanent adhesive allows labeling in environments with heat, cold, oil and dirt. Ideal for wire and cable marking, electronic component marking, laboratory visual identification and general labeling.

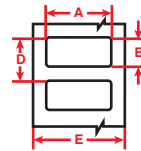


Figure 2



Performance Attributes:



Diagram	Catalog #	Material	Color	Wire Gauge	Label Width A Inch (mm)	Label Height B Inch (mm)	Labels Per Row	Labels Per Pkg	Rec. Ribbon
Fig. 2	WRAP-7-499	Nylon Cloth	White	10-22g; 0.06" - 0.199" dia	0.500 (12.7)	0.750 (19.1)	1	4500	R4311
Fig. 2	WRAP-13-499	Nylon Cloth	White	6-14g; 0.159" - 0.279" dia	1.000 (25.4)	1.000 (25.4)	1	4100	R4306
Fig. 2	WRAP-8-499	Nylon Cloth	White	2-14g; 0.159" - 0.438" dia	1.000 (25.4)	1.500 (38.1)	1	2800	R4306
Fig. 2	WRAP-9-499	Nylon Cloth	White	3/0-8g; 0.212" - 0.597" dia	2.000 (50.8)	2.000 (50.8)	1	2100	R4302

# Wraprot™ A6500 Wire ID Printer Applicator



## Wraprot Printer Ribbons

All Brady print ribbons are developed to meet the performance requirements of the materials printed. The combination of the ribbon and label material determine the success of the legend performance. Brady offers a complete line of ribbons that are designed to cover all your label application requirements.

### Wraprot print ribbons (1.000" core, ink side out)

Ribbon Series	Catalog #	Size	Color
<b>R4300 Wax/Resin</b> Strong environmental resistance against smearing and chemicals. Also, reliable, sharp-edge print quality to maximize barcode readability.	R4311	1.000" x 984'	Black
	R4306	1.570" x 984'	Black
	R4302	2.360" x 984'	Black

## Ribbon / Material Cross-Reference Guide

To ensure the best legend permanence, all ribbons have been developed to meet the requirements of the materials to be printed on. Use the guide below to determine which ribbon series is recommended with your print materials.

B-#	Material	R4300 (Black)	R4500 (Black)	R4900 (Black)	R6000 (Black)	R6200 (Black)
B-427	Vinyl	● UL	▲	–	–	▲ UL
B-472	Polyimide	●	–	–	–	●
B-499	Nylon	▲ UL/CSA	▲	● UL/CSA	▲ UL	▲

●	Recommended ribbon for use with respective material.
▲	Acceptable ribbon for use with respective material.
UL	Materials are UL recognized with its respective ribbon.
CSA	Materials are CSA approved with its respective ribbon.

### Integrated solutions

Wraprot can be integrated into your production system using Brady Programming Language (BPL).

