

DYMO®

Industrial Labeling Solutions

DYMO XTL Label Makers and Labels

XTL series label makers simplify industrial labeling with a large, viewable screen, intuitive controls, and a wide range of functions. XTL series label makers can print using continuous tape, presized labels, heat-shrink tubes, and small format safety labels.

The XTL 300 is a smaller, lighter system ideal for on-the-go label making, capable of printing up to 1 inch (24mm) wide labels.

The XTL 500 boasts a touch screen, more features, and the ability to print up to 2-1/8 inch (54mm) wide labels.

XTL labels come as all-in-one cartridges with the labels and printing tape rolled up inside. As long as your label maker is charged and a cartridge contains labels, you'll always be able to print.



Features

- Life-like on-screen print preview
- Built-in label applications
- Pre-loaded label templates
- 3-year limited warranty on label makers
- 1-year limited warranty on label cartridges
- Free DYMO ID configuration software
- Connect to PC to transfer labels to and from DYMO ID software
- Impact-resistant rubber bumpers and wipe-clean keypad
- Detects and displays label information when cartridge is inserted
- Supports barcode types Code 128 (Auto), Code 39 Mod 43, EAN8, EAN13, UPC-A, Codabar, PDF-417, and QR Code
- Labels work for countless applications, including any flat surface on terminal blocks and terminal block systems
- Customizable printer settings
- Adjustable text size
- Prints via thermal transfer
- 300 DPI print resolution
- Works with Windows 7 and later

DYMO Label Maker Applications		
Application	XTL 300	XTL 500
Arc Flash	–	✓
Asset Tracking	✓	✓
Breaker	✓	✓
Cable Wrap	✓	✓
Distribution Panel	✓	✓
Flag	✓	✓
General Label	✓	✓
Heat-Shrink Tube	✓	✓
Materials Management	✓	✓
Patch Panel	✓	✓
Pipe Marking	–	✓
Quick Label	✓	✓
Safety	–	✓



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DYMO XTL 300 Hand-held Label Maker

The XTL 300 label maker provides a compact, feature-rich labeling solution for labels up to 1 inch (24mm) wide. The XTL 300 is ideal for general identification, barcodes (1D and 2D), asset tracking, wire and cable identification, networking components identification, and facilities identification.

XTL 300 (1868814)

Features

All the standard features of XTL series label makers plus:

- Press-button cutting blade
- 2.8 inch color display
- 1.25 inch/second print speed
- Up to 11 printable lines
- Up to 1 inch (24mm) wide labels
- Replaceable cutter mechanism
- Replaceable battery
- 3-year limited warranty

See the labels section for all the label options compatible with the XTL 300 label maker.

The XTL 300 can be purchased with or without a carrying case.



System Contents

The XTL 300 label maker comes standard with:

- XTL 300 Label Maker
- AC Charging Adapter
- 48 inch USB Cable
- Rechargeable Lithium Polymer Battery
- (1) 1in x 23ft All-Purpose vinyl, black/white label tape
- Lanyard
- Quick Start Guide
- Software Download Card

The kit adds the following:

- Carrying case
- (1) 13/16 inch x 1-9/16 inch Laminated Wire/Cable Wraps, black/white, 150 labels

DYMO XTL 300 Series Label Maker		
Part Number	Price	Description
<u>1868814</u>		Dymo XTL 300 Series Hand-held Label Maker Kit. Includes charger, USB cable, rechargeable battery, 1in x 23ft all-purpose vinyl label tape, 13/16 in x 1-9/16 in laminated wire/cable wrap labels (150), and carrying case.
<u>1888632</u>		Replacement AC Power adapter for XTL 300 series
<u>1888634</u>		Replacement cutter mechanism for XTL 300 series
<u>1814308</u>		Replacement battery for XTL 300 series

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DYMO XTL 500 Hand-held Label Maker

The XTL 500 label maker provides an enhanced, robust label making solution for labels up to 54mm (2-1/8") wide. The XTL 500 is ideal for general identification, barcodes (1D and 2D), asset tracking, data communications identification, and MRO/facilities identification and communication.

XTL 500 (1868815)

Features

All the standard features of XTL series label makers plus:

- Automatic label cutting
- 4" color touch screen
- 1.10"/second print speed
- Up to 24 printable lines
- Up to 54mm (2-1/8") wide labels
- Replaceable cutter mechanism
- Replaceable battery
- Compatible with DYMO safety labels
- Compatible with DYMO heat-shrink pre-sized labels
- 3-year limited warranty

See the labels section for all the label options compatible with the XTL 500 label maker.

System Contents

The XTL 500 label maker comes standard with:

- XTL 500 Label Maker
- AC Charging Adapter
- 48 inch USB Cable
- Rechargeable Lithium Polymer Battery
- (1) 2" x 23 ft All-Purpose vinyl, black/white label tape
- (1) 1-1/2" x 1-9/16" Laminated Wire/Cable Wraps, black/white, 150 labels
- Quick Start Guide
- Software Download Card
- Carrying case



DYMO XTL 500 Series Label Maker

Part Number	Price	Description
<u>1868815</u>		Dymo XTL 500 Series Hand-held Label Maker Kit. Includes charger, USB cable, rechargeable battery, 2in x 23ft all-purpose vinyl label tape, 1-1/2 in x 1-9/16 in laminated wire/cable wrap labels (150), and carrying case.
<u>1888635</u>		Replacement AC Power adapter for XTL 500 series
<u>1888637</u>		Replacement cutter mechanism for XTL 500 series
<u>1888636</u>		Replacement battery for XTL 500 series

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DYMO Labels

XTL Heat-Shrink Tube

DYMO heat-shrink tube labels provide insulation when shrunk down and ensure a secure fit on wires and cables with a 3:1 shrink ratio. Constructed of flame-retardant polyolefin. Available in sizes from 1/4 in to 2-1/8 in wide, with black text on a white background.



Heat-shrink Tube
Continuous Label
Tape



Heat-shrink
Tube Pre-sized
Labels

DYMO Heat-Shrink Tube Label Tape

Part Number	Price	Description	Nominal Width (inches)	Actual Width (inches [mm])	Material	Text Color	Background Color	Quantity	Compatibility
1868809		Heat-shrink tube label tape	1/4	0.24 [6]	Polyolefin	Black	White	(1) 8.9 ft roll	XTL 300 or 500
1868810			1/2	0.48 [12]					
1868811			1	0.94 [24]					
1868812			2	2.13 [54]	Polyolefin	Black	White	(1) 5.9 ft roll	XTL 500

Note: See the "DYMO Label Usage Guide" for cable diameters suitable for each label type.

DYMO Heat-Shrink Tube Pre-sized Labels

Part Number	Price	Description	Nominal Width (inches)	Actual Width (inches [mm])	Length (inches)	Material	Text Color	Background Color	Quantity	Compatibility
1868717		Heat-shrink tube pre-sized labels	1/4	0.24 [6]	1-5/16	Polyolefin	Black	White	81 labels	XTL 500
1868731					1-7/8				81 labels	
1868718			1/2	0.48 [12]	1-5/16				65 labels	
1868719			1	0.94 [24]	1-5/16				60 labels	

Note: See the "DYMO Label Usage Guide" for cable diameters suitable for each label type.

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Industrial Labeling Solutions

DYMO Labels

XTL All-Purpose Labels

DYMO all-purpose vinyl labels are ideal for almost any labeling application. Vinyl provides moisture, chemical, and UV resistance for both indoor and outdoor applications. Available in sizes from 1/2 in to 2in wide and a variety of text and background colors.



**All-Purpose Continuous
Label Tape**

DYMO All-Purpose Label Tape Cartridge									
Part Number	Price	Description	Nominal Width (inches)	Actual Width (inches [mm])	Material	Text Color	Background Color	Quantity	Compatibility
1868741		All-purpose label tape cartridge	1/2	0.48 [12]	Vinyl	Black	Clear	(1) 23 ft roll	XTL 300 or 500
1868751						Black	White		
1868761						White	Red		
1868771						Black	Yellow		
1868796						White	Black		
1868752			3/4	0.75 [19]		Black	White	(1) 23 ft roll	XTL 300 or 500
1868772						Black	Yellow		
1868743			1	0.94 [24]		Black	Clear	(1) 23 ft roll	XTL 300 or 500
1868753						Black	White		
1868763						White	Red		
1868768						Black	Orange		
1868773						Black	Yellow		
1868778						White	Blue		
1868783						White	Green		
1868798						White	Black		
1868754			1-1/2	1.5 [38]		Black	White	(1) 23 ft roll	XTL 500
1868774						Black	Yellow		
1868745			2	2.12 [54]		Black	Clear	(1) 23 ft roll	1 XTL 500
1868755						Black	White		
1868765						White	Red		
1868775						Black	Yellow		
1868780						White	Blue		

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DYMO Labels

XTL Permanent Flat Surface Labels

DYMO permanent flat surface labels have a glossy finish and are ideal for labeling flat surfaces like panels, blocks, faceplates, and shelves. Constructed of polyester. Available in sizes from 1/4 in to 1/2in wide with black text on white or clear backgrounds.



DYMO Permanent Flat Surface Label Tape

Part Number	Price	Description	Nominal Width (inches)	Actual Width (inches [mm])	Material	Text Color	Background Color	Quantity	Compatibility
1868735		Permanent flat surface label tape	1/4	0.24 [6]	Polyester	Black	White	(1) 29.8 ft roll	XTL 300 or 500
1868736			3/8	0.35 [9]		Black	White		
1868739						Black	Clear		
1868737			1/2	0.48 [12]		Black	White		

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DYMO Labels

XTL Laminated Wire/Cable Wrap

DYMO pre-sized wire/cable wraps have a laminated overwrap that protects against oil, chemicals, moisture, abrasion, and fading. In addition to the XTL-compatible label cartridges, laminated wire/cable wrap labels are available in sheets compatible with standard laser printers. Constructed of vinyl (XTL cartridges) or polyester (printer label sheets). Available in sizes from 13/16 in to 2in wide, with black text on a white background.



**Laminated Wire/
Cable Wrap**



Laser Printer Sheets

DYMO Laminated Wire/Cable Wrap Pre-sized Labels

Part Number	Price	Description	Nominal Width (inches)	Actual Width (inches [mm])	Length (inches)	Material	Text Color	Background Color	Quantity	Compatibility
<u>1868704</u>		Laminated wire/cable wrap pre-sized labels	13/16	0.83 [21]	13/16	Vinyl	Black	White	250 labels	XTL 300 or 500
<u>1868705</u>					1-9/16				150 labels	
<u>1868706</u>					4				75 labels	
<u>1908552</u>			1	0.94 [24]	7/8	Polyester	n/a	White	2592 labels	Laser Printer
<u>1868707</u>			1-1/2	1.5 [38]	13/16	Vinyl	Black	White	250 labels	XTL 500
<u>1868707</u>					1-9/16				150 labels	
<u>1868707</u>					4				75 labels	
<u>1908556</u>					1-5/8	Polyester	n/a	White	1020 labels	Laser Printer

Note: See the "DYMO Label Usage Guide" for cable diameters suitable for each label type.

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DYMO Labels

XTL Pre-Sized Safety/Right To Know (RTK) Labels

DYMO pre-sized safety labels provide highly visible labels with pre-printed NOTICE headers. Also available with a blank colored header. Constructed of vinyl. Available in 2x4 inch size only, with black text on a white background and an orange, yellow, blue, or red header.



Pre-sized Safety Labels



DYMO Safety/RTK Pre-sized Labels

Part Number	Price	Description	Nominal Width (inches)	Actual Width (inches [mm])	Length (inches)	Material	Text Color	Background Color	Quantity	Compatibility
<u>1868714</u>		Safety/RTK pre-sized labels	2	2.13 [54]	4	Vinyl	Black	White w/yellow header	70 labels	XTL 500
<u>1868715</u>								White w/blue header, NOTICE		

XTL Flexible Cable Wrap

DYMO flexible cable wrap is ideal for labeling cables, wires, and other rounded surfaces. Constructed of flexible, tear-proof nylon. Available in sizes from 1/2 inch to 1 inch wide, with black text on a white background.



Flexible Cable Wrap



DYMO Flexible Cable Wrap Label Tape

Part Number	Price	Description	Nominal Width (inches)	Actual Width (inches [mm])	Material	Text Color	Background Color	Quantity	Compatibility
<u>1868806</u>		Flexible cable wrap label tape	1/2	0.48 [12]	Flex Nylon	Black	White	(1) 18 ft roll	XTL 300 or 500
<u>1868807</u>			3/4	0.75 [19]					
<u>1868808</u>			1	0.94 [24]					



Industrial Labeling Solutions

DYMO Label Usage Guide

Use the table below to determine which type of DYMO label is suitable for a given application.

DYMO Label Usage Guide							
Surface	All-Purpose Vinyl	Permanent Flat Surface	Flexible Cable Wrap	Heat-Shrink Tube	Laminated Wire/Cable Wraps	Pre-Sized Labels	Pre-Sized Safety Labels
Flat	√	√	√	–	–	√	√
Wires & Cables	√	–	√	√	√	–	–
Curved	√	–	√	–	–	–	–
Flag	√	–	√	–	–	–	–
Textured	√	√	√	–	–	√	√
Resistance	All-Purpose Vinyl	Permanent Flat Surface	Flexible Cable Wrap	Heat-Shrink Tube	Laminated Wire/Cable Wraps	Pre-Sized Labels	Pre-Sized Safety Labels
Heat/Cold	-40 to 140 °F	-40 to 140 °F	-40 to 140 °F	Max. 257 °F	-40 to 140 °F	-40 to 140 °F	-40 to 140 °F
Outdoor	√	√	–	–	–	√	√
UV Light	√	√	√	√	√	√	√
Oil	√	√	–	√	√	√	–
Water	√	√	–	√	√	√	√
Chemical	√	√	–	√	√	√	–

DYMO Label Sizing Guide

Use the tables below to determine which size of DYMO label you need for a given application. Note that for heat-shrink tubing, if your cable diameter is less than the minimum value listed, the tubing will not shrink tightly enough to make a seal.

DYMO Heat-shrink Tube Sizing Guide							
DYMO Heat-shrink Tube Width		Minimum Cable Diameter		Maximum Cable Diameter		Minimum AWG	Maximum AWG
in	mm	in	mm	in	mm		
0.250	6	0.050	1.273	0.150	3.820	16	7
0.375	9	0.075	1.910	0.226	5.730	12	4
0.500	12	0.100	2.546	0.301	7.639	10	1
0.750	19	0.159	4.032	0.476	12.096	6	4/0+
1.000	24	0.201	5.093	0.602	15.279	4	4/0+
2.000	54	0.45	11.35	1.34	34.06	–	–

DYMO Pipe Marker Sizing Guide					
Outside Pipe Diameter		Minimum Label Length		Minimum Letter Height	
in	mm	in	mm	in	mm
0.75-1.25	19-32	8	200	0.50	13
1.50-2	38-51	8	200	0.75	19
2.50-6	64-150	12	300	1.25	32
8-10	200-250	24	600	2.50	64
> 10	> 250	32	800	3.50	89

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DYMO Label Visual Guide

The graphic below provides samples of what different DYMO labels look like set up for various uses.

DYMO LABELS: A VISUAL GUIDE

LABEL WIDTHS

SAFETY & WARNINGS

PRE-SIZED SAFETY LABELS

1868715 / 2" x 4"

1868714 / 2" x 4"

GENERAL IDENTIFICATION

PIPE MARKING

NETWORKING COMPONENTS

PRE-SIZED HEAT-SHRINK TUBE

1868733 / 1" x 1 7/8" Black on White

LAMINATED WIRE/CABLE WRAPS

1868708 / 1-1/2" x 1-9/16"

1/2" DRILL BITS

1868740 / 1/2" Black on Clear

RACK 1

CAT CABLE
CAT CABLE
CAT CABLE
CAT CABLE
CAT CABLE
CAT CABLE
CAT CABLE
CAT CABLE
CAT CABLE

AWG 22 - 16
AWG 22 - 16
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AWG 22 - 16

ASSET TRACKING

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MEET STANDARDS

BARCODING

30071701184840

12345

1868667 1/2" x 1-1/2"

PRE-SIZED LABELS

PERMANENT FLAT SURFACE

1868736 / 3/8" Black on White

COLOR CODING

ALL-PURPOSE VINYL COLORS

5S VISUAL WORKPLACE



Industrial Labeling Solutions

DYMO Label Standards Guide

The graphic below provides examples of label configurations and how they meet ANSI and ISO standards.

STANDARDS ↓ COLORS	ANSI Z535 Visual Workplace	ISO 3864 Visual Workplace	ISO 7010 Graphical Symbols	ANSI A13.1 Pipemarking
Black on White	General ID	Supplementary Information	—	—
White on Red	Danger	Danger, Prohibition, Fire Safety	Prohibition, Fire Safety	Fire Quenching
Black on Orange	Warning	Warning	—	Toxic and Corrosive Fluid
Black on Yellow	Caution	Caution, Triangular Warning Symbols	Warning	Flammable Fluids
White on Green	Instruction	Safe Conditions	Safe Conditions	Potable Water
White on Blue	Notice	Mandatory Action	Mandatory Action	Compressed Air
White on Purple	Safety	—	—	—
White on Brown	—	—	—	Combustible Fluids
White on Black	General ID	—	—	—
Black on Gray	General ID	—	—	—