



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		✓

DYMO®

Industrial Labeling Solutions

DYMO XTL 300 Hand-held Labeler

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.

Features

All the standard features of XTL series label makers plus:

- Press-button cutting blade
- 2.8 in. color display
- 1.25 in./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.

**XTL 300 (1868813)**

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 in. x 1-9/16 in. Laminated Wire/Cable Wraps, black/white, 150 labels

DYMO XTL 300 Series Labeler		
Part Number	Price	Description
1868813	<----->	Dymo XTL 300 Series Hand-held Label Maker. Includes charger, USB cable, rechargeable battery, and 1in x 23ft all-purpose vinyl label tape.
1868814	<----->	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.
1888632	<----->	Replacement AC Power adapter for XTL 300 series
1888634	<----->	Replacement cutter mechanism for XTL 300 series
1814308	<----->	Replacement battery for XTL 300 series



Industrial Labeling Solutions

DYMO XTL 500 Hand-held Labeler

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 Labeler		
Part Number	Price	Description
1868815	<----->	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.
1888635	<----->	Replacement AC Power adapter for XTL 500 series
1888637	<----->	Replacement cutter mechanism for XTL 500 series
1888636	<----->	Replacement battery for XTL 500 series

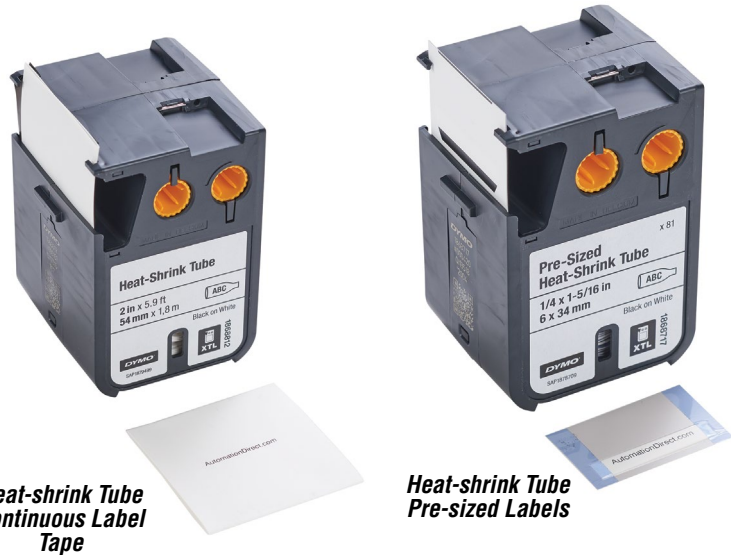


Industrial Labeling Solutions

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	
1868732	<----->				1-7/8				65 labels	
1868719	<----->		1	0.94 [24]	1-5/16				60 labels	
1868733	<----->				1-7/8				60 labels	
1868720	<----->		2-1/8	2.13 [54]	1-5/16				25 labels	
1868734	<----->				1-7/8				25 labels	

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



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
1868746	<---->					Red	Clear		
1868751	<---->					Black	White		
1868756	<---->					Red	White		
1868761	<---->					White	Red		
1868766	<---->					Black	Orange		
1868771	<---->					Black	Yellow		
1868776	<---->					White	Blue		
1868781	<---->					White	Green		
1868786	<---->					White	Brown		
1868791	<---->					White	Purple		
1868796	<---->					White	Black		
1868801	<---->					Black	Grey		
1868742	<---->		3/4	0.75 [19]	Vinyl	Black	Clear	(1) 23 ft roll	XTL 300 or 500
1868747	<---->					Red	Clear		
1868752	<---->					Black	White		
1868757	<---->					Red	White		
1868762	<---->					White	Red		
1868767	<---->					Black	Orange		
1868772	<---->					Black	Yellow		
1868777	<---->					White	Blue		
1868782	<---->					White	Green		
1868787	<---->					White	Brown		
1868792	<---->					White	Purple		
1868797	<---->					White	Black		
1868802	<---->					Black	Gray		

Continued on next page.



Industrial Labeling Solutions

DYMO Labels

XTL All-Purpose Labels, continued

DYMO All-Purpose Label Tape Cartridge (continued)									
Part Number	Price	Description	Nominal Width (inches)	Actual Width (inches [mm])	Material	Text Color	Background Color	Quantity	Compatibility
1868743	<----->	All-purpose label tape cartridge	1	0.94 [24]	Vinyl	Black	Clear	(1) 23 ft roll	XTL 300 or 500
1868748	<----->					Red	Clear		
1868753	<----->					Black	White		
1868758	<----->					Red	White		
1868763	<----->					White	Red		
1868768	<----->					Black	Orange		
1868773	<----->					Black	Yellow		
1868778	<----->					White	Blue		
1868783	<----->					White	Green		
1868788	<----->					White	Brown		
1868793	<----->					White	Purple		
1868798	<----->					White	Black		
1868803	<----->					Black	Gray		
1868744	<----->		1-1/2	1.5 [38]	Vinyl	Black	Clear	(1) 23 ft roll	XTL 500
1868749	<----->					Red	Clear		
1868754	<----->					Black	White		
1868759	<----->					Red	White		
1868764	<----->					White	Red		
1868769	<----->					Black	Orange		
1868774	<----->					Black	Yellow		
1868779	<----->					White	Blue		
1868784	<----->					White	Green		
1868789	<----->					White	Brown		
1868794	<----->					White	Purple		
1868799	<----->					White	Black		
1868804	<----->					Black	Gray		
1868745	<----->		2	2.13 [54]	Vinyl	Black	Clear	(1) 23 ft roll	XTL 500
1868750	<----->					Red	Clear		
1868755	<----->					Black	White		
1868760	<----->					Red	White		
1868765	<----->					White	Red		
1868770	<----->					Black	Orange		
1868775	<----->					Black	Yellow		
1868780	<----->					White	Blue		
1868785	<----->					White	Green		
1868790	<----->					White	Brown		
1868795	<----->					White	Purple		
1868800	<----->					White	Black		
1868805	<----->					Black	Gray		



Industrial Labeling Solutions

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 2in wide with black text on white or clear backgrounds.



Permanent Flat Surface Continuous Label Tape



Permanent Flat Surface Pre-sized Labels

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
1868738	<----->					Black	Clear		
1868736	<----->		3/8	0.35 [9]		Black	White		
1868739	<----->					Black	Clear		
1868737	<----->		1/2	0.48 [12]		Black	White		
1868740	<----->					Black	Clear		

DYMO Permanent Flat Surface Pre-sized Labels										
Part Number	Price	Description	Nominal Width (inches)	Actual Width (inches [mm])	Length (inches)	Material	Text Color	Background Color	Quantity	Compatibility
1868669	<---->	Permanent flat surface pre-sized labels	3/8	0.35 [9]	1	Polyester	Black	White	250 labels	XTL 300 or 500
1868665	<---->				1/2				250 labels	
1868666	<---->		1/2	0.48 [12]	1				250 labels	
1868667	<---->				1-1/2				185 labels	
1868670	<---->				3/4				250 labels	
1868701	<---->		3/4	0.75 [19]	1	Polyester	Black	White	250 labels	XTL 500
1868668	<---->				1				250 labels	
1868702	<---->		1	0.94 [24]	2				100 labels	
1868703	<---->				3				100 labels	
			2	2.13 [54]						

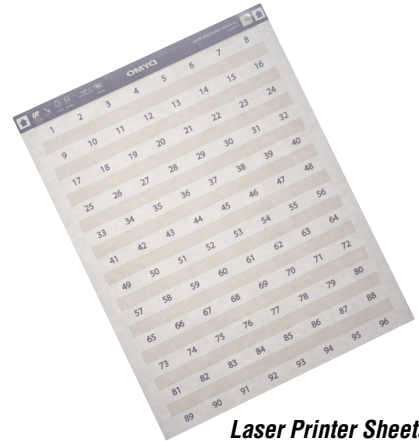
DYMO®

Industrial Labeling Solutions

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
1868704	<----->	Laminated wire/cable wrap pre-sized labels	13/16	0.83 [21]	13/16	Vinyl	Black	White	250 labels	XTL 300 or 500
1868705	<----->				1-9/16				150 labels	
1868706	<----->				4				75 labels	
1908552	<----->		1	0.94 [24]	7/8	Polyester	n/a	White	2592 labels	Laser Printer
1908553	<----->				1-5/8				2544 labels	
1908554	<----->				4				1008 labels	
1868707	<----->		1-1/2	1.5 [38]	13/16	Vinyl	Black	White	250 labels	XTL 500
1868707	<----->				1-9/16				150 labels	
1868707	<----->				4				75 labels	
1908555	<----->				7/8	Polyester	n/a	White	2040 labels	Laser Printer
1908556	<----->				1-5/8				1020 labels	
1868710	<----->		2	2.13 [54]	13/16	Vinyl	Black	White	250 labels	XTL 500
1868711	<----->				1-9/16				100 labels	
1868712	<----->				4				70 labels	
1908557	<----->				7/8	Polyester	n/a	White	1008 labels	Laser Printer
1908558	<----->				1-5/8				1008 labels	

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

DYMO®

Industrial Labeling Solutions

DYMO Labels

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

DYMO pre-sized safety labels provide highly visible labels with pre-printed DANGER and 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
1868713	<----->	Safety/RTK pre-sized labels	2	2.13 [54]	4	Vinyl	Black	White w/orange header	70 labels	XTL 500
1868714	<----->							White w/yellow header		
1868715	<----->							White w/blue header, NOTICE		
1868716	<----->							White w/red header, DANGER		

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	
1868806	<----->	Flexible cable wrap label tape	1/2	0.48 [12]	Flex Nylon	Black	White	(1) 18 ft roll	XTL 300 or 500	
1868807	<----->		3/4	0.75 [19]						
1868808	<----->		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							
<i>Surface</i>	<i>All-Purpose Vinyl</i>	<i>Permanent Flat Surface</i>	<i>Flexible Cable Wrap</i>	<i>Heat-Shrink Tube</i>	<i>Laminated Wire/Cable Wraps</i>	<i>Pre-Sized Labels</i>	<i>Pre-Sized Safety Labels</i>
Flat	✓	✓	✓			✓	✓
Wires & Cables	✓		✓	✓	✓		
Curved	✓		✓				
Flag	✓		✓				
Textured	✓	✓	✓			✓	✓
<i>Resistance</i>	<i>All-Purpose Vinyl</i>	<i>Permanent Flat Surface</i>	<i>Flexible Cable Wrap</i>	<i>Heat-Shrink Tube</i>	<i>Laminated Wire/Cable Wraps</i>	<i>Pre-Sized Labels</i>	<i>Pre-Sized Safety Labels</i>
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							
<i>DYMO Heat-shrink Tube Width</i>		<i>Minimum Cable Diameter</i>		<i>Maximum Cable Diameter</i>		<i>Minimum AWG</i>	<i>Maximum AWG</i>
<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>		
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					
<i>Outside Pipe Diameter</i>		<i>Minimum Label Length</i>		<i>Minimum Letter Height</i>	
<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>	<i>in</i>	<i>mm</i>
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

DYMO

Industrial Labeling Solutions

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

CAUTION

WARNING

DANGER

NOTICE

PRE-SIZED SAFETY LABELS

NOTICE

1868715 / 2" x 4"

1868714 / 2" x 4"

GENERAL IDENTIFICATION

Expense Reports | Jan - Mar | 2014

KEEP DOOR LOCKED

PIPE MARKING

→ **POTABLE WATER** →

NETWORKING COMPONENTS

A01 | A02 | A03 | A04

PRE-SIZED HEAT-SHRINK TUBE

A-01-01

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

LAMINATED WIRE/CABLE WRAPS

A-01

1/2" DRILL BITS

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

1868740 / 1/2" Black on Clear

R
A
C
K
1

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

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

ASSET TRACKING

This book is property of
Park Grove Elementary
PLEASE RETURN

LC 3501.M3 A8 1966

MEET STANDARDS

Recognized

Compliant

5S
VISUAL
WORKPLACE

PRE-SIZED LABELS

1868865
1/2" x 1/2"

1868866
1/2" x 1"

PERMANENT FLAT SURFACE

A-01 | A-02 | A-03 | A-04 | A-05 | A-06

1868736 / 3/8" Black on White

COLOR CODING

COLOR

CODE

YOUR

FILES

ALL-PURPOSE VINYL COLORS

BARCODING

3 0071701184840

12345

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



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	—	—	—