

# Cable & Wire Guide

Cable and wire identification refers to the markers or labels that are typically affixed to a cable or wire for identification purposes. These markers provide a quick and easy way to identify a cable or wire and can be placed in a location that is easy read, even in hard-to-reach areas.

## Benefits of implementing

- Helps facilitate quick and easy identification of wires and cables
- Helps reduce repair time by eliminating the need to guess what a wire or cable is for
- Helps minimize down time from repairs that could take longer than expected if cables remain unidentified



## The most common type of cable/wire markers are:



### Flags

- Ideal for identifying thin wires
- Provides a flat surface for placement of text, barcodes, etc.
- Recommended material: Vinyl



### Wraps

- Information is repeated on the label so it can be read on any side of the cable/wire
- Recommended material: Vinyl, Flexible Nylon



### Heat-Shrink Tubes

- Provides a permanent way to mark a cable or wire
- 3:1 shrink ratio ensures a secure fit

## What size heat-shrink tube do I need?

Heat-shrink tubes vary in width, so the easiest way to determine the size of tube needed is to know the diameter of the wire or cable being identified. Use the chart below to help determine the size of DYMO heat-shrink tube needed for your wire or cable.

### DYMO Heat-Shrink Tubes meet the following certifications:

- UL recognized as a component to UL 224
- Meets MIL-STD-202G, MIL-M-81531 and SAE-OTL 23053/5 (Class 1 & 3)
- RoHS compliant

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+

The information contained in this Cable and Wire Guide is being provided for general information purposes only and the certifications referenced herein are based on current standards which are subject to change.

## Cable & Wire Solutions from DYMO

Designed based on input from professionals, DYMO industrial labelers and labels are tough, affordable and long-lasting. They're loaded with convenient features that speed up your productivity – and help you save time and money every day.



**Rhino™ 6000**  
single 1734519 | kit 1734520



**Rhino™ 5200**  
single 1755749 | kit 1756589



**Rhino™ 4200**  
single 1801611 | kit 1835374



### IND Vinyl Labels

Ideal for both indoor and outdoor applications

- Available in the widest range of OSHA, ANSI and ISO color standards
- UL recognized as a component to UL 969
- RoHS compliant
- Length: 18 ft

### IND Flexible Nylon

Specifically designed for curved surfaces and wire and cable marking

- UL recognized as a component to UL 969
- RoHS compliant
- Length: 11.5 ft

### IND Heat-Shrink Tube

For high-end cable identification. A 3:1 shrink ratio helps ensure a secure fit on wires and cables

- UL recognized as a component to UL 224
- Meets MIL-STD-202G, MIL-M-81531 and SAE-OTL 23053/5 (Class 1 & 3)
- RoHS compliant
- Length: 5 ft



## IND Labels for Cable & Wire



Label Color / Width	For use with Rhino™ 4200, 5200, 6000				For use with Rhino™ 6000
	1/4"	3/8"	1/2"	3/4"	1"
<b>IND VINYL LABELS</b>					
A	–	18443	18444	18445	1805430
A	–	–	18432	18433	1805431
A	–	–	18435	18436	1805427
A	–	–	1805413	1805419	1805425
A	–	–	1805416	1805422	1805429
A	–	1805437	1805435	1805436	1805432
A	–	–	1805414	1805420	1805426
A	–	–	1805423	1805417	1805423
A	–	–	1805415	1805421	1805428
A	–	–	1805412	1805418	1805424
<b>IND FLEXIBLE NYLON</b>					
A	–	–	18488	18489	1734524
A	–	–	18490	18491	1734525
<b>IND HEAT-SHRINK TUBE</b>					
A	18051	18053	18055	18057	1805443
A	18052	18054	18056	18058	1805444

To learn more about labeling solutions from DYMO, contact your DYMO sales representative or visit us online at [dymo.com](http://dymo.com)

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DYMO, ATLANTA, GA 30328  
800-426-7827: WWW.DYMO.COM

<https://www.labelcity.com/labels/rhino>



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