

[custom printed heatshrink]

VERY ECONOMICAL, VERY FAST, VERY CUSTOM HEAT SHRINK MARKING SERVICE.

Graphics, bar codes, text or combinations of these, can be imprinted on heat shrink tubing from Heatshrink.com. There are no tooling or set-up charges, with the exception of a modest charge when graphics are involved.

GENERAL TERMS, CONDITIONS AND OTHER STUFF YOU SHOULD KNOW.

We will NOT accept orders by phone! Orders can be accepted only if mailed or faxed. If you think about this, it only makes sense and eliminates disappointment, waste and mistakes.

Printed Heatshrink are shipped cut to length unless non-cut continuous length or perforated cut (kiss-cut) is specified.

IMPRINT COLORS:

Black, White, Red, Blue, Gold and Silver. Other colors may also be available, either in stock or special order.

HOW PERMANENT IS THIS IMPRINTING ANYWAY?

Black printing on light colored tubing is permanent and meets MIL-M-81531 for both abrasion and solvent resistance. Black printing on black tubing also meets this spec but is not recommended, for obvious reasons. See, you do learn things by reading fine print.

The print permanence of White, Blue, Red and Silver print does not precisely meet the MIL Spec, but they are "tuff enuf" for 99% of all applications.

GRAPHIC SUBMISSION

You can send your graphic to us on disk or by Email. File format is .BMP, 1 bit per pixel (Black & White line art), 200 x 200 dpi, no exceptions. We can add text to your graphics but we recommend you include all your text in the graphic. We require the creator of the disk to inspect the graphic on a high level of magnification before sending it to us. If you don't understand what this means, call us.

If your order consists of ALL text imprinting, there is no graphic charge.

SHIPPING CHARGES:

There is a minimum shipping charge of \$6.00.

We usually ship within 24 hours.

VOLUME DISCOUNTS:

Please Call
801-651-1501
sales@heatshrink.com

Same Printed Heatshrink means the same size and color of tubing with the same imprint.

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FONT SIZES TO DETERMINE LENGTH

The size of text is measured in "points." A point is 1/72 of an inch. Here are the available point sizes of type and how many characters (approximately) will fit on single 1" lengths of tubing and how many characters (approximately) will fit on each additional inch (length) of tubing:

*Read the section titled "Never Overlook the Obvious, Or Things Are Not As Big As You Think They Are."

The total standard maximum length is 6 inches.

TYPE SIZE	TYPE SAMPLE	CHARACTERS PER INCH 1st inch of tubing (Approx.)	CHARACTERS PER INCH each additional inches (Approx.)
4 point	ABCDefgh	30	35
5 point	ABCDefgh	22	26
6 point	ABCDefgh	19	22
7 point	ABCDefgh	14	18
8 point	ABCDefgh	13	15
9 point	ABCDefgh	12	14
10 point	ABCDefgh	11	14
11 point	ABCDefgh	10	12
12 point	ABCDefgh	10	10
14 point	ABCDefgh	7	7
16 point	ABCDefgh	6	7
18 point	ABCDefgh	6	6
20 point	ABCDefgh	5	6
22 point	ABCDefgh	5	5
24 point	ABCDefgh	5	5
26 point	ABCDefgh	4	5
28 point	ABCDefgh	4	4
36 point	ABCDefgh	3	3
48 point	ABCDefg	2	2
72 point	ABCef	1	1

The standard font is Helvetica and is available in normal, **bold**, *oblique (italic)* or **bold oblique (italic)**.

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We believe the above information to be correct and assume no liability for errors.

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HOW MANY LINES OF WHAT POINT SIZE TEXT WILL FIT ON WHAT DIAMETER HEATSHRINK?*

mm	inches	
3.2	1/8"	3 lines of 4 point 0.1250 2 lines of 5 or 6 point 1 line of 7, 8, 9, 10, 11 or 12 point
4.8	3/16"	3 lines of 5 or 6 point 0.1875 2 lines of 7, 8 or 9 point 1 line of 10, 11, 12, 14 or 16 point
6.4	1/4"	5 lines of 4 point 0.2500 4 lines of 5 point 3 lines of 6 or 7 point 2 lines of 8, 9, 10, 11 or 12 point 1 line of 14, 16, 18, 20, 22 or 24 point
9.5	3/8"	6 lines of 5 point 0.3750 5 lines of 6 point 4 lines of 7 or 8 point 3 lines of 9, 10 or 11 point 2 lines of 12, 14, 16 or 18 1 line of 20, 22, 24, 26, 28 or 36 pt.
12.7	1/2"	5 lines of 7 point 0.5000 4 lines of 8, 9 or 10 point 3 lines of 11, 12 or 14 point 2 lines of 16, 18, 20 or 22 point 1 line of 24, 26, 28, 36 or 48 point
19.1	3/4"	7 lines of 8 point 0.7500 6 lines of 9 or 10 point 5 lines of 11 or 12 point 4 lines of 14 or 16 point 3 lines of 18, 20 or 22 point 2 lines of 24, 26 or 28 point 1 line of 36, 48 or 72 point
25.4	1"	7 lines of 11 or 12 point 1.0000 6 lines of 14 point 5 lines of 16 or 18 point 4 lines of 20 or 22 point 3 lines of 24, 26 or 28 point 2 lines of 36 point 1 line of 48 or 72 point
38.1	1 1/2"	limited to same number of lines as 1" 1.5000
50.8	2"	limited to same number of lines as 1" 2.0000

NEVER OVERLOOK THE OBVIOUS OR THINGS ARE NOT AS BIG AS YOU THINK THEY ARE:

Fine detail and/or ornate graphics might not look good at 200 DPI resolution. Also, when you shrink the tubing, the imprinted image shrinks with it. In other words, if you think 4 point type is small now, imagine it after the shrinking! In addition, really good shrink tubing (which is the only kind we use) shrinks mostly its diameter not its length. So, the imprinted stuff on the label will end up looking a little "squashed." If you are sending us graphics on disk, you may want to stretch the vertical aspect (do not exceed maximum height guide) to match the amount you'll be shrinking the tubing for your specific application. Even though 2 to 1 ratio tubing will shrink to 1/2 its original diameter and our special 3 to 1 ratio heat shrink tubing will shrink down to 1/3 of the original diameter, the actual diameter after shrinking will depend on the diameter of the object you are shrinking the tubing over.

MAXIMUM HEIGHT GUIDE FOR IMPRINT.

The tubing is flattened for printing, the following are height guide dimensions for each diameter of tubing. All your imprinted image (including stretched graphics, text and bar codes) must fit within the height guide dimensions. This is also known as the "live graphic height".

Tube Diameter	Height Guide Maximum Print Area	Tube Diameter	Height Guide Maximum Print Area
1/8"	4.1mm/0.16"	3/4"	24.1mm/0.94"
3/16"	5.8mm/0.23"		
1/4"	7.0mm/0.27"	1" 1-1/2" 2"	33.6mm/1.30"
3/8"	11.7mm/0.46"		
1/2"	16.5mm/0.65"		

NOTE:

If you received this by fax, the actual distance between the height lines may not be to scale due to the fact that some fax machines slightly enlarge or reduce upon sending and some fax machines slightly enlarge or reduce upon receipt. So we recommend double checking the measurements with a ruler.

*ANOTHER NOTE:

In all cases when referencing a certain diameter tubing, we refer to the inside diameter before shrinking.

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STANDARD 2 TO 1 RATIO HEAT SHRINK:

Shrink ratio of 2 to 1. Very flexible, flame retardant polyolefin.

Shrink temperature: 90°C/190°F, a hair dryer works fine (compared to other brands that require 121°C/250°F)

Longitudinal change during shrinking: less than 5%.

Operating temperature -55°C/-67°F to 135°C/275°F up to 200°C/392°F for short durations.

UL and CSA recognized. MIL-23053-5 class 1 and class 3

IN STOCK COLORS

Black, Brown, Red, Orange, Yellow, Green, Blue, Violet, Gray and White.

Inside Diameter before shrinking:		Length: Price per Inch (imprinted)
mm	inches	
3.2 mm	1/8" (0.1250)	0.24
4.8 mm	3/16" (0.1875)	0.26
6.4 mm	1/4" (0.2500)	0.32
9.5 mm	3/8" (0.3750)	0.38
12.7 mm	1/2" (0.5000)	0.44
15.9 mm	5/8" (0.625)	0.56
19.1 mm	3/4" (0.7500)	0.56
25.4 mm	1" (1.0000)	0.78
38.1 mm	1 1/2" (1.5000)	1.34
50.8 mm	2" (2.0000)	1.88
76 mm	3" (3.0000)	2.82
102 mm	4" (4.0000)	3.76

SPECIAL 3 TO 1 RATIO HEAT SHRINK:

Shrink ratio of 3 to 1. Very flexible, flame retardant polyolefin.

Shrink temperature: 90°C/190°F, a hair dryer works fine (compared to other brands that require 121°C/250°F)

Longitudinal change during shrinking: less than 15% .

Operating temperature -55°C/-67°F to 135°C/275°F up to 200°C/392°F for short durations.

UL and CSA recognized. MIL-23053-5 class 1 and class 3

IN STOCK COLORS

Black, Red, Yellow, Blue and White (other colors available)

Inside Diameter before shrinking:		Length: Price per Inch (imprinted)
mm	inches	
3.2 mm	1/8" (0.1250)	0.30
4.8 mm	3/16" (0.1875)	0.34
6.4 mm	1/4" (0.2500)	0.40
9.5 mm	3/8" (0.3750)	0.46
12 mm	(0.472)	0.52
12.7 mm	1/2" (0.5000)	0.52
Fits over usual size RCA plugs, Video F connectors, 1/4 inch phone plugs and most telephone type RJ connectors.		
18 mm	(0.708)	0.68
19.1mm	3/4" (0.7500)	0.68
Fits over most XLR type plugs and jacks, BNC connectors and oversized RCA plugs.		
24 mm	(0.944)	1.02
25.4 mm	1" (1.0000)	1.02
Fits over most molded U.S. 120 Volt AC line cords including plugs with the third ground pin.		
40 mm	(1.57)	1.70

If you don't see what you want, call us.

801-621-1501