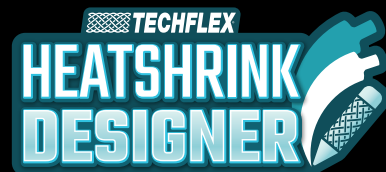# PRINTING WITH HEATSHRINK DESIGNER

TECHFLEX
HEATSHRINK DESIGNER

GETTING THE BEST PRINTING RESULTS

Our proprietary Heatshrink Designer program allows you to select from our available combination of heatshrink products, and then design your own customized heatshrink tubing. For the best results, please follow the guidelines listed below. These guidelines will reduce the printing time while increasing the quality of your print.

Image Size

To provide you with the highest quality printed heatshrink, we require the highest quality image you can provide us with a minimum of 300 dpi. Low quality images (200 dpi and below) will result in pixelated or blurry images when printed.

Image Color

This service does allow you to upload color logos but will convert them to a black and white image. This may not create the outcome you would like. For best results, we recommend uploading a black and white image to start, to make sure the image appears as you would like it to.

Printing Height Guide

Listed below are the maximum heights of the printable area for each corresponding diameter.

Heatshrink Diameter	Maximum Printing Height
$^1/_8$"	4.1mm / 0.16"
$^3/_{16}$"	5.8mm / 0.23"
$^1/_4$"	7.0mm / 0.27"
$^3/_8$"	11.7mm / 0.46"
$^1/_2$"	16.5mm / 0.65"
$^3/_4$"	24.1mm / 0.94"
1" - 1$^1/_2$"	33.6mm / 1.30"

File Format

This service requires JPG and PNG images only.

Ink Colors

(Colors may vary slightly from shown examples)

Heatshrink Colors

(Colors may vary slightly from shown examples)

To ensure the best results choose light colored inks on dark colored heatshrink and dark colored inks on light colored heatshrink.

Shrink Ratio

2:1 Shrink Ratio Tubing will shrink to 1/2 its original diameter, 3:1 ratio will shrink to 1/3 its original diameter, and 4:1 to 1/4 its original diameter. Your heatshrink tubing's final shrunk diameter also depends on the diameter of the object being covered. Also keep in mind that your printed image will shrink in size with the heatshrink when considering text. If text is too small on unshrunk heatshrink, it could be unreadable once shrunken.

2:1 Ratio

3:1 Ratio

4:1 Ratio