

# When one of our standard products doesn't stretch to meet your needs, **Build-A-Tether** with a low minimum purchase quantity!

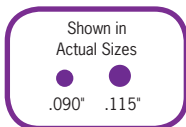


## 1. PICK A SIZE

Tether material size is described by the outside diameter (O.D.) of the material. Generally, the bigger the O.D., the more weight the tether can support as well as the tighter the "snap-back" or coil retention.

The .090 size is ideal for attaching small, light objects, like an informational card, pen or small point-of-purchase display samples.

### Size Options



## 2. PICK A COLOR

The colors listed here are the standard colors available in the **Build-A-Tether** program. There are two sizes available. Not all colors are available for both sizes.

### Color Options

#### .090" COLOR KEY

- 01 Black
- 03 Silver
- 10 Natural (Clear)
- 11 White

#### .115" COLOR KEY

- |                     |                    |                           |
|---------------------|--------------------|---------------------------|
| <b>SOLID COLORS</b> | 01 Black           | <b>TRANSPARENT COLORS</b> |
| 05 Red              | 11 White           | 10 Natural (Clear)        |
| 09 Orange           | 03 Silver          | 25 Transparent Red        |
| 08 Yellow           |                    | 27 Transparent Blue       |
| 06 Green            | <b>NEON COLORS</b> | 32 Transparent Purple     |
| 07 Blue             | 45 Neon Pink       | 37 Transparent Ice Blue   |
| 12 Purple           | 46 Neon Green      |                           |
|                     | 49 Neon Orange     |                           |

## 3. HOW LONG SHOULD IT BE?

We describe tethers in two ways, by their working length and their retracted length. The working length is the distance that the tether can be comfortably stretched. The retracted length is the length of the coil when relaxed.

To determine the retracted length of your tether, consider how far you want it to stretch. This is called the working length. If measuring in feet, convert your measurements

into inches before calculating. For every 1/2" of retracted length needed your tether will comfortably stretch 3 inches.

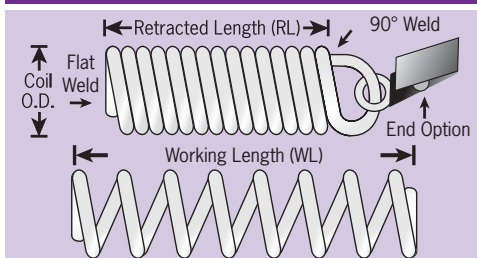
### FORMULA

$$(WL" \times \frac{1}{2} ") \div 3" = RL$$

| WORKING LENGTH | RETRACTED LENGTH | WORKING LENGTH   | RETRACTED LENGTH |
|----------------|------------------|------------------|------------------|
| 6 in.          | 1 in.            | 4 ft. (48 in.)   | 8 in.            |
| 1 ft.          | 2 in.            | 9 ft. (108 in.)  | 18 in.           |
| 2 ft.          | 4 in.            | 12 ft. (144 in.) | 24 in.           |

\* The minimum tether retracted length is 1" (6" WL), the maximum tether retracted length is 27" (13.5 FT WL).

### TETHER TERMS



## 4. PICK THE ENDS

A tether becomes useful when it is attached to something. Decide what hardware you want. The hardware will then determine the way it attaches.

This shows the hardware options that are available through the **Build-A-Tether** program.

Freelin-Wade uses two basic welds: a 90° Weld and a Flat Weld. The 90° is probably better for most applications because it means the tether will hang straight while providing optimum mobility for most attachments. The flat weld is a slightly more secure method of attaching your hardware.

### Attachments & End Options



90 Degree Weld

Flat Weld

Hinge Book Ring



Split Ring



Swivel Loop Hook



Swivel Snap Hook



Adhesive Button



Ring Terminal



Plastic Swivel Hook



Lanyard Hook



Alligator Clip

| END CODE | DESCRIPTION                  | END CODE | DESCRIPTION                              |
|----------|------------------------------|----------|--|
| 9W       | 90 Degree Weld (Attachment)  | 26       | 3/4" White Adhesive Button               |
| FW       | Flat Weld (Attachment)       | 80       | 3/4" Clear Adhesive Button               |
| 69       | 3/4" ID Hinged Book Ring     | 38       | 1-1/2" White Adhesive Button             |
| 28       | 1/2" Split Ring              | 79       | 1-1/2" Black Adhesive Button             |
| 11       | 3/4" Split Ring              | 20       | 16/14 Ring Terminal, .090 rod (.198" ID) |
| 04       | 1-1/4" Split Ring            | 82       | 12/10 Ring Terminal, .115 rod (.256 ID)  |
| 81       | 3/8" Split Ring w/Nylon cord | 40       | Black Plastic Swivel Hook                |
| 670      | Small Swivel Loop Hook       | 39       | Nickel Plated Lanyard Hook               |
| 27       | Small Swivel Snap Hook       | 67       | "S" Lanyard Hook                         |
| 01       | 3/8" Swivel Snap Hook        | 0a       | Alligator Clip                           |
| 25       | 3/4" Black Adhesive Button   |          |  |

## 5. CALL US!

Now that you've designed your tether, give us a call.

**We'll make a sample of it and send it right out to you.\***

\* Sample orders are charged \$25 for 1 piece and \$5 for each additional piece for any quantities less than 50.

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[www.Freelin-Wade.com](http://www.Freelin-Wade.com)

