

Shrink Tube Instruction Manual

Shrink tube - information deemed reliable but not guaranteed. See manufactures specification sheet for further information. Test for your applications.

PART NO.	INK COLOR	TUBE COLOR	SIZE	AWG	Shrink Ratio	Internal diameter as supplied mm (min)	Range of Wire Diameter (in)	Range of Wire Diameter (mm)
203STBW *	BLACK	WHITE	1/8"	16-22	3:1	3.2	.044 - .105	1.11 - 2.66
203STBY *	BLACK	YELLOW	1/8"	16-22	3:1	3.2	.044 - .105	1.11 - 2.66
205STBR *	BLACK	RED	3/16"	12-18	2:1	5.7	.062 - .150	1.57 - 3.81
205STBY *	BLACK	YELLOW	3/16"	12-18	2:1	5.7	.062 - .150	1.57 - 3.81
205STBW *	BLACK	WHITE	3/16"	12-18	2:1	5.7	.062 - .150	1.57 - 3.81
205STWB *	WHITE	BLACK	3/16"	12-18	2:1	5.7	.062 - .150	1.57 - 3.81
205STBB *	BLACK	BLUE	3/16"	12-18	3:1	4.8	.069 - .160	1.75 - 4.06
205STBG *	BLACK	GREEN	3/16"	12-18	3:1	4.8	.069 - .160	1.75 - 4.06
208STBW	BLACK	WHITE	1/4"	10-16	3:1	6.4	.094 - .215	2.31 - 5.46
208STBY	BLACK	YELLOW	1/4"	10-16	3:1	6.4	.094 - .215	2.31 - 5.46
210STBW	BLACK	WHITE	3/8"	4-14	3:1	9.5	.125 - .320	3.50 - 8.00
211STBR	BLACK	RED	1/2"	1-12	2:1	10.9	.187 - .450	4.75 - 11.43
211STBY	BLACK	YELLOW	1/2"	1-12	2:1	10.9	.187 - .450	4.75 - 11.43
211STBW	BLACK	WHITE	1/2"	1-12	2:1	10.9	.187 - .450	4.75 - 11.43
211STWB	WHITE	BLACK	1/2"	1-12	2:1	10.9	.187 - .450	4.75 - 11.43

All Shrink Tube 96"

Part Number & Model Notes: *BEE3® & BEE3®-EZ use only 203 & 205 shrink tube sizes. BEE3®+ & BEE3®-EZ+ use all shrink tube sizes.

Shrinkage Rate: 50% or more in diameter, 15% or less in length. Ratios noted.

Temperature Range: 90-270°C

Compliance Standards: UL Standard 224 (Rated Temperature: 125°C, Rated Voltage: 300V, Flame Resistance Grade VW-1)

- Although the tube is made of insulating materials (polyolefin), it does not meet the standards set for insulated tube construction. Do not use the tube in locations where withstand voltage capability is required.

User Precautions

- Prints may appear distorted due to special surface materials. Prints may become diminished if the surface of the tube is scratched or wiped with paint thinner, etc.
- Avoid exposure to direct sunlight or the outdoors.
- When the tube shrinks, the printed characters may become distorted and difficult to read. Printed bar codes may also become undecipherable.
- This product is not intended for use on any person or animal.
- Avoid storing this product in places with high temperatures or humidity. Do not expose this product to direct sunlight or dust particles. For best results, use this product immediately after it is removed from its packaging.

Preparation

Shrink Tube material requires a higher ribbon concentration to print solid characters on the thicker shrink tube material. Based on your machine model, follow these instructions to increase print density.

1. Set the cartridge in the LABELShop® 2001XLST, 2012XLST, 2012XLST-PC, 2010-PC, BEE3®, BEE3®+, GREEN MACHINE®, GREEN MACHINE®-PC, BEE3®-EZ, BEE3®-EZ+, PEARLabel® 270 or PEARLabel® 360 printer.

FOR 2001XLST (no print density setting available)

2. Enter characters and print.
3. Perform the "Tape Feed" function and cut the tube.

FOR 2012XLST, BEE3®, BEE3®+, BEE3®-EZ, BEE3®-EZ+

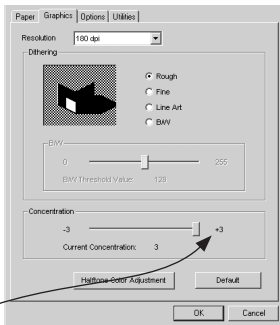
2. Press "Shift" + "Condition". Arrow down to density (PrnDensity on BEE3® or BEE3®+) and press "Return".
3. Now arrow to "+3" and press Return.
4. Now enter characters. Then Print.

FOR GREEN MACHINE®

2. Press "Shift" + "Setting/Extra". Arrow to Print density, Return.
3. Arrow to +3, Return.
4. Now enter characters. Then print.

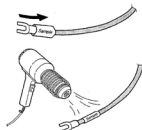
FOR 2010-PC, 2012XLST-PC, GREEN MACHINE®-PC, PEARLabel® 270, PEARLabel® 360

2. Create label using MaxiLabel® Pro Ver 4.0 Software (or earlier versions).
3. Choose File, Printer Settings. On the Graphics Tab, Move Concentration to +3. Click OK. File. Print.



Surface Mounting

1. Place the tube over the wire or cable.
2. Blow hot air across the tube using an industrial dryer * to shrink the tube.
3. When the tube fits snugly against the surface, the shrinking process is finished.
DO NOT OVER HEAT THE SHRINK TUBE MATERIAL.



- * Use an industrial dryer when performing the heat shrinking process in order to achieve proper shrinking levels.
- ⊙ Use only dryers that meet industrial standards during the heat shrinking process. Use caution when handling industrial dryer units.
 - ⊙ Do not use soldering irons, cigarette lighters, an open flame or home hair dryers to avoid the accidental ignition of a fire.
 - ⊙ Do not apply heat to any surface for an extended period of time, even when the operating temperature is within the recommended range.
 - ⚠ Coloring of the tube may be altered, characters may disappear, and surfaces may be damaged or discolored depending on the construction of the surface, the environmental conditions and the conditions during adhesion. Please select an unnoticeable location for testing the actual results of the product prior to use.
 - ⊙ Avoid surfaces that do not provide sufficient heat resistance. Heat shrinking can damage surfaces that are not conducive to high temperatures.
 - ⊙ Avoid direct contact with the tubes during or immediately after shrinking to prevent injuries.