

Sensor Settings

Table 11 • Sensor Settings

Sensor Type	<p>Select the Media Sensor</p> <p>Select the media sensor that is appropriate for the media that you are using.</p> <p><i>Accepted values:</i></p> <ul style="list-style-type: none">• WEB• MARK <p><i>Related ZPL command(s):</i> ^JS</p> <p><i>SGD command used:</i> none</p> <p><i>Control panel menu item:</i> SENSOR TYPE on page 22</p> <p><i>Printer web page:</i> View and Modify Printer Settings > Media Setup</p>
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Set the Media Type

Select the type of media that you are using.

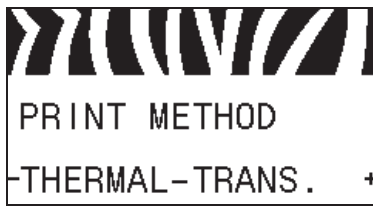
See [Media Type on page 85](#) for more information.



Select the Media Sensor

Select the media sensor that is appropriate for the media that you are using.

See [Sensor Type on page 102](#) for more information.



Select the Print Method

Specify if ribbon is being used. Thermal Transfer media requires ribbon for printing while Direct Thermal media does not.

To determine if you need to use ribbon, see [When to Use Ribbon on page 49](#).

See [Print Method on page 85](#) for more information.



Adjust the Print Width

Specify the width of the labels being used.

See [Print Width on page 85](#) for more information.



Set the Maximum Label Length

Set the maximum label length to a value that is at least 1.0 in. (25.4 mm) greater than the actual label length plus the interlabel gap. If you set the value to one that is smaller than the label length, the printer assumes that continuous media is loaded, and the printer cannot calibrate.

See [Maximum Label Length on page 86](#) for more information.

Types of Media



Important • Zebra strongly recommends the use of Zebra-brand supplies for continuous high-quality printing. A wide range of paper, polypropylene, polyester, and vinyl stock has been specifically engineered to enhance the printing capabilities of the printer and to prevent premature printhead wear. To purchase supplies, go to <http://www.zebra.com/howtobuy>.

Your printer can use various types of media:

- *Standard media*—Most standard media uses an adhesive backing that sticks individual labels or a continuous length of labels to a liner. Standard media can come on rolls or in a fanfold stack (Table 5).
- *Tag stock*—Tags are usually made from a heavy paper. Tag stock does not have adhesive or a liner, and it is typically perforated between tags. Tag stock can come on rolls or in a fanfold stack (Table 5).

Table 5 • Roll and Fanfold Media

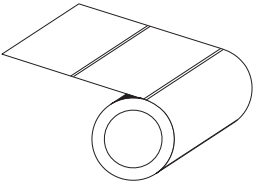
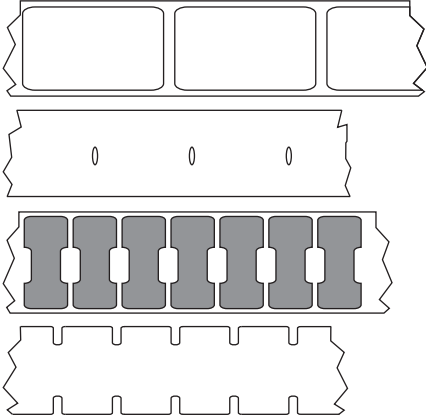

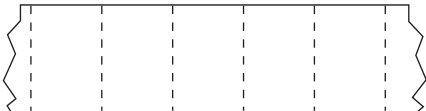
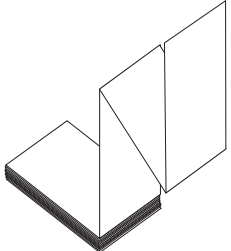
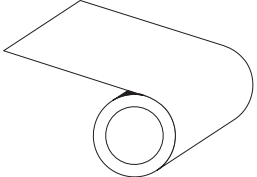
Media Type	How It Looks	Description
<p>Non-Continuous Roll Media</p>		<p>Roll media is wound on a 3-in. (76-mm) core. Individual labels or tags are separated by one or more of the following methods:</p> <ul style="list-style-type: none"> • Web media separates labels by gaps, holes, or notches.  • Black mark media uses pre-printed black marks on the back side of the media to indicate label separations.  • <i>Perforated media</i> has perforations that allow the labels or tags to be separated from each other easily. The media may also have black marks or other separations between labels or tags. 

Table 5 • Roll and Fanfold Media (Continued)

Media Type	How It Looks	Description
<p>Non-Continuous Fanfold Media</p>		<p>Fanfold media is folded in a zigzag pattern. Fanfold media can have the same label separations as non-continuous roll media. The separations would fall on or near the folds.</p>
<p>Continuous Roll Media</p>		<p>Roll media is wound on a 3-in. (76-mm) core. Continuous roll media does not have gaps, holes, notches, or black marks to indicate label separations. This allows the image to be printed anywhere on the label. Sometimes a cutter is used to cut apart individual labels.</p>