

Label Converters - Lexmark T650 Series

This list is only intended to present label and card stock manufacturers who: 1) have demonstrated an understanding of label requirements for Lexmark laser printers as presented in the Lexmark Card Stock and Labels Guide; 2) have submitted a sample (several thousand sheets) of one specific design within a category; and 3) with this sample, have passed a set of criteria as it relates to reliable performance of that product in the areas of feeding, toner adhesion, skew, contamination, etc. **Due to the variability in the manufacturer's processes, Lexmark cannot stand behind, nor held responsible for, performance in the printer of material that is not identical to what was tested.**

Air quality testing is not performed to check for odors or harmful fumes. The manufacturer is responsible to ensure that the materials used do not release harmful chemicals. This listing also does not consider other label characteristics, such as permanency and fading, which should be considered in the selection of the best product for an application. Due to the nature of the construction of most label material, there are a few situations that occur which are unavoidable and should be understood as well prior to choosing a product or a printer model. An example would be stacking in the output bin being limited due to "catch points" on some particular labels, or due to the label "rolling over" in a 550-sheet output bin. Another example would be media curl, which could cause feed failures, that develops from extended environmental exposure when forms are removed from their packaging. The number of forms that may be loaded into the input trays will be limited due to the thickness and construction of the material. In general, greater care must be taken when loading special media into the tray and inserting the tray into the printer. **It is strongly recommended that the customer test a quantity of material with their specific application(s) and environment prior to a major purchase, to ensure that the material performance meets their expectations.**

All materials should be flexed prior to loading into the paper tray. Some heavier material, such as card stocks and vinyl labels as well as coated material, should be flexed and fanned to achieve optimum feed performance. Maintenance procedures as outlined in the Lexmark Card Stock and Labels Guide must be followed to ensure proper performance.

The listings provided here are alphabetical and are divided by product type. Absence of a check mark for a given product does not necessarily indicate failure of the material in that printer, it may simply mean that the material was not evaluated in that printer model. Skew variation and feed reliability with converted media from the multipurpose input trays may exceed specifications and is not recommended. Oiled fuser wipers (Lexmark P/N 40X2665 – black in color) were used in all simplex (one-sided only) printing evaluations. These wipers are included with Lexmark Cartridges for Label Applications.

All simplex testing was performed at approximately 5% toner coverage. Running higher coverage applications, for example barcodes or graphics, could cause increased toner contamination in the printer. Again, customers are urged to test their specific applications. More frequent wiper changes may also help in these situations.

Dual Web Script Labels

Converter	Phone Number	Printers Passed		
		T650	T652	T654
Rx Label Technology	866-654-4993	✓	✓	✓

Integrated Script Labels

Converter	Phone Number	Printers Passed		
		T650	T652	T654
Hospital Forms & Systems Corp.	800-527-5081	✓	✓	✓

Vinyl Labels¹

Converter	Phone Number	Printers Passed		
		T650	T652	T654
R.R. Donnelley (Form 3.4 Cothene/R98A/80#MF)	260-665-9421	✓ ^{2,4}	✓ ⁴	✓ ⁴
Vestcom New Century LLC (Form # 10047817)	913-764-5550	✓ ^{2,3}	✓ ³	✓ ³

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Lexmark does not endorse, certify, or guarantee neither the converter nor material.



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Duplex

The precautions listed on page 1 of this document apply to duplex printing of labels as well. Also, please refer to the "Duplexing Paper Labels" section of the Lexmark Card Stock and Labels Guide, available on the Lexmark website at www.lexmark.com. Lexmark printers are design to operate over a wide range of environmental conditions, including humidity levels of 8% to 80% and temperature ranges of 60° F to 90° F. Evaluating the material over the range of operating environments (temperature and humidity) that will be normally experienced is essential to reliable long-term performance.

The following table presents those converters who have demonstrated the ability to make a label that performs well over a range of environmental conditions.

This evaluation, unless noted otherwise, does not include printing on the liner (backside of the labels). If noted otherwise, this means that the ability to print on the liner, including the joint between the liner and the paper, was demonstrated. Some degradation of print within 3mm of the joint may be expected.

Use of the waved fuser wiper Lexmark P/N 40X2666, white or gray in color, is required for duplex label printing. Use of the black (oiled) wiper, used for simplex printing, may cause unacceptable print quality.

Converter	Phone Number	Printers Passed		
		T650	T652	T654
R.R. Donnelley (Form 715078)	260-665-9421	✓	✓	✓
Rx Label Technology Dual Web (Form #3301)	866-654-4993	✓	✓	✓

Footnotes:

¹ Vinyl labels are some of the most difficult media to run successfully through printers. The form number tested is shown in the table. Changes in raw material suppliers or variations in process parameters can impact whether a material will feed successfully or whether it will contaminate the printer. If the customer experiences a change in material performance, they should check with the converter to verify that the problem form is identical to what was tested. Use of special media trays may be required for acceptable feeding of the labels. The following table shows the various Lexmark tray and drawers available. General guidelines are shown but a specific media may require another option than the general recommendation.

	TRAY P/N / DRAWER P/N	GENERAL MEDIA TYPES
200 SHEET OPTION 1	30G0890 / 30G0891	Vinyl Labels
200 SHEET OPTION 2	30G0932 / 30G0933	Heavy Vinyl Full Sheet Paper Labels Wristband / Label Combos
400 SHEET OPTION 1	30G0934 / 30G0935	Vinyl Labels Wristband / Label Combos Full Sheet Paper Labels
400 SHEET OPTION 2	30G0892 / 30G0893	Heavy Vinyl Latex Labels Full Sheet Paper Labels

² Feeding from the 250-sheet integrated tray is not acceptable.

³ Requires use of the Lexmark P/N 30G0983 option and a P/N 30G0892 tray for acceptable feeding.

⁴ Output bin stacking is limited due to curl and static. Form must be watched closely during running to prevent output bin jams.

July 29, 2011

