



Produce RPC Label Requirements

Reusable containers are the smarter way to move perishables through the supply chain. They provide superior product protection, efficiencies at every node in the supply chain and reduce the amount of packaging and product waste created. Tosca works very hard to deliver the highest quality, food-safe containers to our customers. After every use, we inspect, wash, and sanitize our containers in accordance to our food safety policies in order to obtain one of the world's most stringent food safety management standards, ISO 22000 certification. The established procedures within our food safety system ensure we are providing food safe reusable packaging for the perishable food supply chain.

Use of qualified labels on reusable packaging is critical in achieving a successful trip through the supply chain. Tosca has developed facestock & adhesive requirements to ensure the appropriate selection and application of labels for Tosca reusable plastic containers (RPCs). These requirements and best practices will help ensure the label will adhere to the RPC during the supply chain journey, yet be removed during wash without leaving any residue that could compromise our RPC or wash process.

Facestock & Adhesive Raw Material and Performance Specifications - Produce

Facestock	Adhesive	Minimum Application Temperature	Service Temperature Range	Typical Loop Tack Adhesion to Polypropylene	Customer Performance Requirement	Wash Center Performance Requirement	Federal Regulatory Approval
2.3 mil to 3.2 mil Polypropylene	Technicote AT333 UPM Raflatac RP45 Ricoh G12 Spinnaker B122F	-10F Minimum	-20F to 160F	3.1 to 5.5 lbs	98% adherence post 30 days	One pass removal No adhesive residue on RPC No excessive adhesive build up on washline	FDA 21 CFR 175.105 Compliant

Only substrate/adhesive combinations outlined above may be used on Tosca produce RPCs. All other products or combinations are to be considered un-approved. Labels found to be out of specification will not be recommended for use and the label supplier will be removed from the approved label supplier list, if applicable. Customers using labels not on the approved label supplier list will be contacted so that they can convert to an approved label supplier. If requested by the customer, the label in use can be requested for qualification through the Label Application Process listed in this document.

Label Qualification

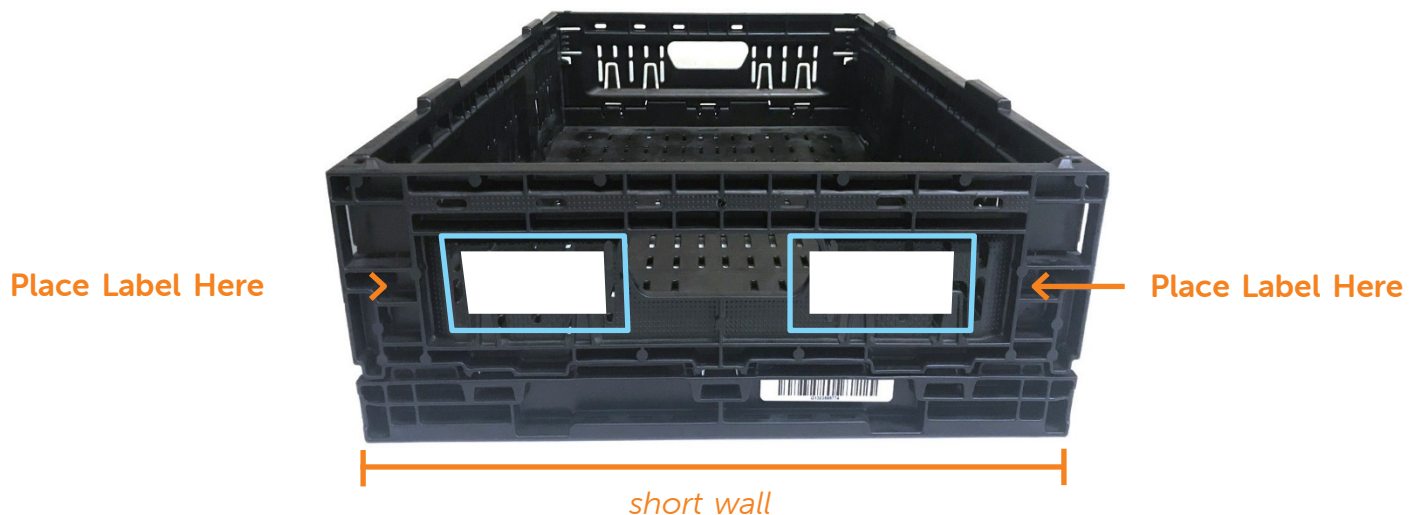
To qualify a label for use on Tosca RPCs and to be added to the Approved Label Provider list, complete the Label Qualification Form found at this link (www.toscaltd.com/labelqualify) For any questions, please contact Tosca at LabelDevelopment@toscaltd.com.

Approved Label Placement

Placement of labels is critical to successful removal. All Tosca RPCs have been engineered with a specific texture pattern on the short walls for successful adherence throughout the supply chain and subsequent removal in our wash facilities.

Placement Guidelines:

- Labels should only be applied to the short end walls
- Labels should not wrap around handle
- Labels should not be applied on the long side panels, bottom or inside the RPC
- Proper pressure during application is critical in achieving required label adhesion
- Labels cannot interfere with hinges
- Labels cannot be placed on corners or impact opening and closing of the RPC



Labels can be applied on either side of the handle but the entire label must remain within the blue outline. Labels should only be applied to the short walls of the produce RPCs - 6408, 6411, 6413, 6416, 6419, 6423, 6425, and 6428.

Approved Label Providers for Tosca Produce RPCs

Company	Contact	Phone Number(s)	Email	Product Code	Print Type
Heartland Label Printers	Jason Steenbock	O: 920.687.4253 C: 920.619.1885	jsteenbock@hrtlp.com	Rioch LES G12	Direct
CFS	Bill Price	O: 512.327.5991 C: 512.680.4520	bprice@cfstexas.com	HCWT-TT-PP-TGP	Thermal
CFS	Bill Price	O: 512.327.5991 C: 512.680.4520	bprice@cfstexas.com	HCWT -DT-PP-TGP	Direct
The Sourcing Group	Jeff Chaplin	O: 803.996.9279 C: 803.331.3234	jchaplin@thesourcinggroup.com	PTI	Direct
GemEtytec	Jose Guadalupe Perez	O: 001.52.477.700.0417	Guadalupe.Perez@gemetytec.com	PB/101X51R3	
DRG	Paul Forsythe	O: 928.348.2501 C: 928.651.3370	paul.forsythe@drstech.com	TT4-2-STD-3IN	Thermal
DRG	Paul Forsythe	O: 928.348.2501 C: 928.651.3370	paul.forsythe@drstech.com	DT4-2-STD-3IN	Direct
Etiflex	David Sosa	O: 81.8333.4802	www.etiflex.com.mx	2176F RI-757/40 PP CAVITATED GLOSS WHITE TC /AP901/ WG62	Thermal
Total Coding	Skyler Powers	C: 417.389.6999	skyler@total-coding.com	TCB122F	Direct
A Converting Inc	Craig Kehres	C: 419.626.7115	craig@kmcsticks.com	Ricoh 140 LDS	Direct
A Converting Inc	Craig Kehres	C: 419.626.7115	craig@kmcsticks.com	Technicote 86152	Direct
A Converting Inc	Craig Kehres	C: 419.626.7115	craig@kmcsticks.com	Technicote 992601	Thermal
All Barcode Systems	Scott Steiner	C: 714.893.7032	scotts@allbarcodesystems.com	LAB#.# x #.#P-SPIN	Thermal
Cool Pak	Jim Gross	C: 805.856.8274	kgross@cool-pak.com	Ricoh 140 LDS/LES G12	Direct

Company	Contact	Phone Number(s)	Email	Product Code	Print Type
Cool Pak	Jim Gross	C: 805.856.8274	jgross@cool-pak.com	Technicoat 86152	Thermal
Corner Image Packaging	Mike Ellis	C: 949.293.0062	Mike@cornerimagepkg.com	Ricoh 140LDS/LES	Direct
Corner Image Packaging	Mike Ellis	C: 949.293.0062	mike@cornerimagepkg.com	Technicote 86152	Direct
Corner Image Packaging	Mike Ellis	C: 949.293.0062	Mike@cornerimagepkg.com	Technicote 992601	Thermal
Genecomm	Dave Roe	O: 1.888.378.8308 Ext 110	droe@genecomm.com	TT-LA40216-TT	Thermal
Genecomm	Dave Roe	O: 1.888.378.8308 Ext 110	droe@genecomm.com	DT-LA40216-DT	Direct
Graphic Label LLC	Brian Koenig	O: 509.457.1833 C: 509.834.3183	Bkoenig@graphiclabel.com	RPC DT POLY	Direct
Label and Barcode, Inc	Phil Smith	C: 541.914.2837	phil@labelandbarcode.com	Ricoh 140 LDS	Direct
Labels On Demand, Inc	Deanna Bartholomew	C: 714.508.0323	orders@labelsondemandinc.com	Spinnaker 0041911	Thermal
Mepco Label Systems	Karl Gassner	C: 209.609.0148	Karl@mepcolabel.com	140LDS	Direct
Productive Label	Matt Hay	C: 661.295.6911	Matt@productivelabel.com	Ricoh 140 LDS/LES G12	Direct