



## **Genuine Zebra Ribbons for Indirect Food Contact Applications September 2007**

Genuine Zebra Ribbons are formulated and manufactured for use in a variety of printing applications. Zebra has determined whether the finished ribbons meet the relevant requirements of the U.S. Food and Drug Administration (FDA) regulation 21 CFR 175 and 176 with regard to Indirect Food Contact in packaging, transporting, or holding food.

### **Indirect Food Contact - Adhesives – 21 CFR 175.105**

All Genuine Zebra Ribbons meet the relevant requirements for FDA indirect food contact uses under 21 CFR 175.105 (Adhesives).

### **Indirect Food Contact – Pressure-Sensitive Adhesives – 21 CFR 175.125**

All Genuine Zebra Ribbons meet the relevant requirements for FDA indirect food contact uses under 21 CFR 175.125 (Pressure Sensitive Adhesives).

### **Indirect Food Contact – Paper and Paperboard Components – 21 CFR Pars 176.170 and 176.180**

All Genuine Zebra Ribbons meet the relevant requirements for FDA indirect food contact uses under 21 CFR Parts 176.170 and 176.180.

### **Indirect Food Contact - Resinous and Polymeric Coatings – 21 CFR Part 175.300**

All Genuine Zebra Ribbons meet the relevant requirements for use as coatings or ink formulations for FDA indirect food contact under 21 CFR 175.300 (Resinous and Polymeric Coatings).

Based on the review of the relevant FDA regulations, the ink used on a label that is subsequently placed on another barrier (e.g., label, tag, etc.) prior to food contact assumes a functional barrier between the ink and food or other sensitive material. The FDA states that if there is a food-contact-approved functional barrier (e.g., resinous coating, protective film, transparent cover, etc.) separating printed material from the food, then such use of printing ink is not a food-additive situation. The functional barrier must be of sufficient thickness and continuity that it prevents the ink from passing through the coating and migrating to the food. The manufacturer of the barrier must employ good manufacturing practices to ensure that the barrier has formed a continuous coating so that no pin-holing is present and the barrier is of sufficient thickness to prevent ink migration.

#### **Note:**

Genuine Zebra Ribbons are NOT intended to be used in immediate contact with the food as a direct food contact material.