



# Labels that Last

## 233 Direct Thermal Paper

**Description:** This high-sensitivity, high-speed infra-red scannable label material is designed to work well in healthcare and clinical applications. The special "healthcare" adhesive provides high tack adhesion to curved surfaces such as glass and plastic tubes and also works very well on corrugated, yet is considered "glove-friendly." It has excellent resistance to oils, solvents, alcohol, blood and plasticizers plus it performed very well in 15 hour water immersion tests. The liner is specially made for label dispensing.

It has a 75% reflectivity ratio and scans well at IR ranges between 700 nm and 1000 nm (typically used in medical applications where contamination is possible). Note: it can scan as low as 633 nm.

233 is just like our 232 product but it has a tighter-than-ordinary liner release value making it more suitable for labels put on 1/2" and 1" cores for desktop printers.

**Compliance:**

FDA 21 CFR 175.105 for indirect food contact  
 RoHS Compliant  
 CONEG for toxics in packaging

	Face Stock	Adhesive	Liner
Type	Paper	Permanent Acrylic	Bleached Kraft
Color	White	-	White
Caliper	3.3 mil	0.7 mil	2.4 mil
Basis Weight	51 # (3300 ft <sup>2</sup> )	-	40# (3000 ft <sup>2</sup> )
Brightness	80%	-	-
Min. Application Temp.	-	25°F (-4°C)	-
Temperature Range	-	-75°F to 120°F (-60°C to 49°C)	-

	Temperature	Humidity	Shelf Life
Recommended Storage Conditions	72°F (24°C)	50% R.H.	One Year

All descriptive information, typical performance data, and recommendations for this product should be used solely as a guide. Furnishing such information is merely our attempt to assist you as indicated by your requested application. These specifications do not constitute a warranty under any varying results. All labels are sold with the understanding that the purchaser has independently tested and determined the suitability of the product for the intended application.

**NOTE:** Due to the variety of application conditions, Electronic Imaging Materials strongly encourages the end-user to do thorough testing of all label products under consideration to make sure they will meet the application requirements.