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## TF200CLR Clear Direct Thermal Label Stock

### Face Description

TF200C is a contact-clear direct thermal film label stock for variable on-demand printing. It is priced well below competitive grades and offers high clarity when the product or packaging below the label must also be visible. The durable topcoat enhances scratch resistance and adds moisture resistance. Additionally, TF200C's surface is very receptive to flexo inks allowing static information and colors to be preprinted.

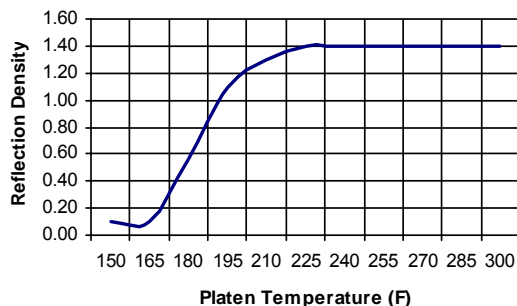
Test Property	Typical Values
Base Weight	51 GSM +/- 10%
Caliper, inches	0.0022 +/- 10%
Brightness %	87% min
Image Color	Black
Print Speed	2—6 ips
Activation Temperature	Typical Values
Initial Activation Temp	175 +/- 10°F
Effective Activation Temp	195 +/- 10°F
Optimum Activation Temp	225 +/- 10°F
Test Method	Typical Values
Heat Resistance 140° F/24 hrs.	Excellent
Light Exposure 24 hrs. QUV	Excellent

Base film is FDA approved for food contact

### Shelf life

68° - 86° F <80% RH for 18 months (avoid direct sunlight)

### Static Sensitivity



Sensitivity Curve presented for general purpose only.

### Standard Adhesive Description AC-21P

AC-21P is a water-based, acrylic resin general purpose permanent PSA formulated for a variety of end-use applications involving film face stocks. This latex free adhesive offers high shear resistance, and excellent machinability for presses and/or high speed labeling applications.

Adhesive Properties	
Loop Tack—lbs/sq in.	2.23 AF
Probe Tack—grams	471 AF
Shear Resistance (1sq in x 1 Kg) minutes	3180 CF
Static Peel (1sq in x 1 Kg) minutes	55.0 AT
Application Temperature	35° F (minimum)
Time for Ultimate Adhesion	24 hours
Service Temperature	-65°F to 200°F

\*Custom Adhesives Available

### Applications

Clam shell/tub labeling, packaged fresh foods, return address labeling, home/small office labeling, laminated constructions

### Liner Description

A semi-bleached, supercalendered white kraft suitable for roll-label applications.

Test Property	Typical Values
Caliper, mils	2.35 +/- 10%
Basis Weight 24x36-500	40.538.6 +/- 10%

### Dynamic Sensitivity

