

TF160WHT White Direct Thermal Label Stock

Face Description

TF160 is a white direct thermal film label stock for variable on-demand printing and offers significant cost savings compared to existing products in the market. Its thinner caliper delivers more labels per roll for less printer downtime due to roll changeover. The durable topcoat enhances scratch resistance and adds moisture resistance. Additionally, TF160's surface is very receptive to flexo inks allowing static information and colors to be preprinted.

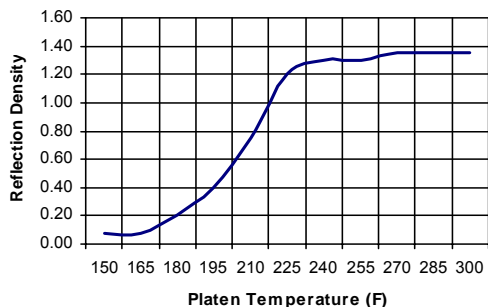
Test Property	Typical Values
Base Weight	35 GSM +/- 10%
Caliper, inches	0.0018 +/- 10%
Brightness %	87% min
Image Color	Black
Print Speed	2—6 ips
Activation Temperature	Typical Values
Initial Activation Temp R.D. = .20	175 +/- 10°F
Effective Activation Temp R.D. = .80	215 +/- 10°F
Optimum Activation Temp R.D. = 1.2	265 +/- 10°F
Test Method	Typical Values
Heat Resistance 140° F/24 hrs.	Excellent
Light Exposure 24 hrs. QUV	Excellent
Water Submersion 4hr/Dry/Scan	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: AT4505

AT4505 is a water-based acrylic all-temperature permanent PSA formulation. Adhesive is both latex and elementally chlorine free. Offers aggressive performance at low temperatures, and has excellent UV stability.

Adhesive Properties	
Loop Tack—lbs/sq in.	2.4 AF
Probe Tack—grams	720 AF
Shear Resistance: (1 sq in x 1Kg) minutes	900 CF
Static Peel: (1sq in x 1 Kg) minutes	N/T
Application Temperature	-20°F (MIN)
Time for Ultimate Adhesion	30 MINUTES
Service Temperature	-30°F to +200°F

*Custom Adhesives Available

Applications

Frozen Food and Meat Packing, Clean Peel Shelf Labeling, Wristbands, Pharmaceutical Labels, Durable Receipts, Transit Passes, Ski Passes, Sporting Licenses, Bag Tags, Parking Tickets, Retail 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

