

PRODUCT INFORMATION

Polycash 33180TR

TOTAL CONSTRUCTION:

Basis Weight (24x36-500 Sheets)
Caliper

Representative Data

124# (202 g/m²) Avg
7.42 Mills (188.5 Microns) Avg

Test Method

TAPPI T-410
TAPPI T-411

DIRECT THERMAL SIDE:

Brightness	84.0% Avg	TAPPI T-525
Smoothness (Parker Print-surf)	2.1 µm Avg	TAPPI T-555
Image Color	Black	
Initial Activation Temperature (O.D.=0.2)	170 ± 9°F (77 ± 5°C)	
Effective Activation Temperature (O.D.=0.8)	194 ± 9°F (90 ± 5°C)	
Optimum Activation Temperature (O.D.=1.4)	230 ± 9°F (110 ± 5°C)	
Resistance to Oils, Plasticizers	Excellent	
24 Hour Water Immersion	Excellent	

NON-THERMAL SIDE

Surface Tension 44 dynes/sq cm Avg

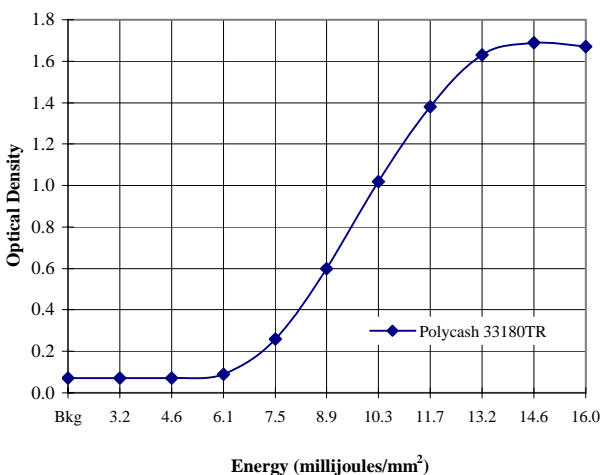
APPLICATION NOTES:

A durable medium-high caliper, cost effective synthetic tag material with enhanced tear resistance and high sensitivity. Good flexographic printability for use in a wide range of applications, including commercial tagging, sport/game licensing, amusement pass, and ski lift tickets.

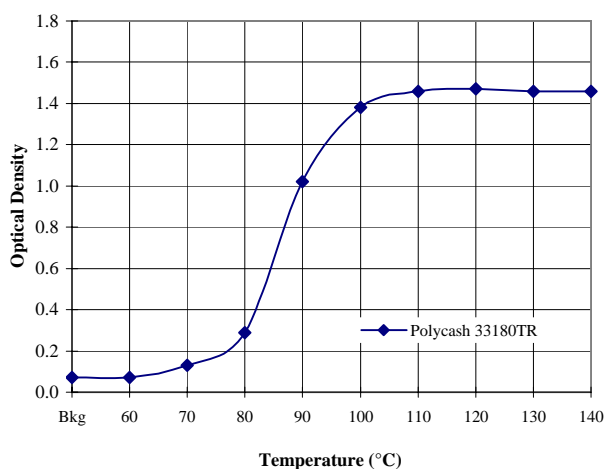
Polycash 33180TR requires a primer coat or corona treatment prior to any flexographic printing on the back side.

Some direct thermal printers are calibrated to require higher back side reflectance. Polycash 33180TR should be pretested to verify that back side reflectance is high enough for consistent top of form registration in the particular end-use thermal printer.

Dynamic Sensitivity



Static Sensitivity



Dynamic Sensitivity: Atlantek 400, Medium Energy

Recommended for short-term moisture exposure only. Do not subject to abrasion when wet.

The data described in this product information sheet represent product averages and should be utilized only after allowing for accepted industry variances. Vendor shall not be responsible for liability resulting from any deviation from this information, and all products should be pretested to ensure that products meet all intended requirements of specific end-use application.