

RevealPro 3.0

Durable Direct Thermal Film

RevealPro 3.0 is a white polypropylene direct thermal label that outperforms traditional direct thermal labels. **RevealPro 3.0** is ideal for demanding applications due to its exceptional resistance to heat, cold, UV light, water and alcohol. Excellent flexographic and water based ink jet printability for sharp images, used in a wide range of applications. Total caliper 6.5 mil.

FACE STOCK:

RevealPro combines RevealPrint imaging technology and a synthetic face stock. RevealPrint® Technology contains no Leuco Dye, BPS or BPA

Caliper (mils)	3.00 ± 0.30
Basis Weight 17 x 22—500 (lbs)	15.8 ± 0.8
g/m ²	59.6 ± 3.1
Gurley Stiffness Nominal (mg)	MD 27
	CD 43
Elmendorf Tear Nominal (g)	MD 28
	CD 21

ADHESIVE:

An acrylic pressure sensitive adhesive, PS204 is formulated to provide immediate adhesion to a variety of substrates, including polyolefins and corrugated. Ideal for general purpose labels, paper and film.

Typical Performance Characteristics: 1 mil Polyester Film at room temperature

Sample Preparation:

Coating Weight	13 lb. / 3000ft ²
Substrate	Stainless Steel

Adhesion Properties:

PSTC-101 180° Peel	60 oz./in.
	3.75 lb./in.
TLMI Loop Tack (1 in2, 12 ipm)	48 oz./in2
	3 lb./in2
Shear (1" x 1" x 1,00 grams)	304 min.

Minimum application temperature	35°F
Service Temperature Range	-40° to +230°F
FDA Status	Complies with 21CFR175.105

LINER:

A bleached, densified kraft release liner coated with a low gram release silicone system.

Basis Weight:	42 (24 x 36-500)
Caliper:	2.5 (Mils)
Moisture:	3.5-4.0 (%)
Release (1200"/min@180°):	10-30 (gm/in)

Storage Conditions:

This product information is presented in good faith and is, to the best of our knowledge, accurate. It is intended for use as a reference guideline. It is not a specification. As with all our products, we recommend the end-user thoroughly test for their actual end use conditions to assure compliance with customer requirements.

To learn more about RevealPro

Visit the website: www.revealprint.com/RevealPro

BENEFITS:

- Healthy employees & environment
- BPA/BPS/Phenol free
- Developer free
- Leuco dye free
- Resistant to most chemicals.
- Up to 18 months outdoor exposure.
- Prints well at speeds up to 6 ips.
- Is writable - can write on it with a ball point pen.

