



# Wausau Coated Products, Inc.

Product Specification #W000037

UltraTherm® TC Direct Thermal / PCT-410 / 40# SC

## **FACESTOCK DESCRIPTION: ULTRATHERM® TC DIRECT THERMAL**

Super smooth direct thermal paper fully top-coated for resistance to plasticizers, moisture, blood, oil, and fats. Abrasion resistant for excellent image retention. Medium speed sensitivity for standard speed thermal printers. Perfect facestock for industrial label applications, food packaging, and retail catchweight equipment.

Basis Weight (25 x 38 / 500) lbs.	54.9
Caliper, mils	3.1
Tensile, lbs./in., CD	13
Tear, g, MD / CD	43 / 54
Smoothness (Bekk)	>800
Opacity, %	88
Stiffness MD / CD (MG)	70 / 50
Heat Resistance	176°F
Maximum Density Temperature	118°F
Initial Activation Temperature	185°F
Effective Activation Temperature	200°F
Regulatory Compliances	CONEG, Heavy Metals, ASTM Child Toy Safety, and NAFTA.

## **ADHESIVE DESCRIPTION: PCT-410**

A cold temperature emulsion acrylic permanent which exhibits high initial tack and very good adhesion to a variety of substrates including corrugated, rigid plastics, films, glass, and painted metal substrates. It offers good die-cutting and stripping characteristics. It is not recommended for water immersion.

Type	Cold Temperature Permanent
Classification	Emulsion Acrylic
Regulatory Compliances	FDA 21 CFR 175.105 for incidental food contact, CONEG, Heavy Metals, ASTM 963a Child Toy Safety, Acute Oral Toxicity, Primary Dermal Irritant, Primary Eye Irritant, and NAFTA.
pH	Alkaline
Minimum Application Temp.	+25°F
Service Temperature Range	-10°F to +200°F

## **LINER DESCRIPTION: 40# LINER**

A 40# bleached kraft liner with good die-cutting and stripping properties. Recommended for roll-to-roll applications.

Basis Weight (25 x 38 / 500) lbs.	47.3
Caliper, mils	2.45
Gloss, 75°	50
Opacity, %	63
Tensile, lbs./in., MD / CD	38.5 / 22.5
Tear, gm, MD / CD	34 / 37
Regulatory Compliances	FDA 21 CFR 175.105 for incidental food contact, Heavy Metals, CONEG, ASTM F963a Child Toy Safety, California Clean Water (Prop. 65), and NAFTA.

*All product specifications are for informational use only. Each customer and/or end user should determine the suitability of any product for their particular application. The above specifications are based on typical values and most current information.*

Shelf Life: One year when stored at 72°F / 50% RH.