

# Matte White TC Polypropylene Aggressive Cold Temp Adhesive Spec# 12402

**Facestock:** 3.0 mil Matte TC White Polypropylene

**Description:** A white biaxially-oriented polypropylene film for use in a variety of printing and converting applications where durability, strength, and superior printability are key. One side is matte with a special print-receptive coating and the other is a satin gloss. Its key attribute is excellent thermal transfer printability. It will not tear unless an edge is nicked. Rated for 6 month outdoor durability

<b>Basis Weight:</b>	42.5#/3300 ft <sup>2</sup>
<b>Caliper:</b>	3.0 mils
<b>Tensile MD/CD:</b>	18,490 / 27,023 PSI
<b>Elongation @ Break MD/TD:</b>	128 / 43%
<b>Gloss:</b>	17 (matte) / 65 (gloss) %
<b>Surface Energy:</b>	42/38 dynes/cm

**Adhesive:** A premium drum adhesive with excellent adhesion to most surfaces including painted metals, polyolefin and fiber drums in all weather conditions. Complies with FDA 21 CFR 175.105 and BS5609.

<b>Coat Weight:</b>	18#/3300 ft <sup>2</sup>
<b>Adhesion to Stainless Steel:</b>	32.1 ounces (90° Peel [oz. /inch width] 10 min. dwell
<b>Loop Tack (quick tack [oz. /inch<sup>2</sup>]):</b>	32.6 ounces
<b>Service Temperature:</b>	-65 to 200 °F
<b>Minimum Application Temperature:</b>	-10°F
<b>Shear (1000g):</b>	82 minutes

**Liner:** 50# sck

A bleached, super calendered kraft liner featuring excellent die cutting and stripping characteristics.

<b>Basis Weight:</b>	51 #/3000 ft <sup>2</sup>
<b>Caliper:</b>	3.2 mils
<b>Tensile MD/CD:</b>	44 / 27 #/inch
<b>Tear MD/CD:</b>	54 / 54 grams
<b>Opacity:</b>	74%

<b>Shelf Life:</b>	1 year
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**Total Caliper: 6.8 mils**