



TECHNICAL DATA SHEET

PCC Product Code: PL011705F

ISSUE: 0.03 Date: 10-02-16

Face Material

PL01

175µ Matt White Polyolefin is a truly unique synthetic sheet that looks prints and fabricates like paper, while featuring the benefits of plastic films. It can be printed with offset, letterpress, gravure, flexography (UV Flexography will require a primer prior to applying UV curable inks,). Inkjet, screen, laser and thermal transfer processes. It can also be foil stamped, embossed, die-cut, laminated and thermally formed. It is durable, flexible, water and chemical resistant. PL01 should be covered at all times to prevent damage or discolouration of the material. The material should be stored in an area away from contact with combustion exhaust fumes or other sources of indoor pollution. These agents can cause discoloration of PL01.

Typical Properties*

Thickness	178µ ± 17.8µ
Weight	95gsm +10% - 5%
Tensile Elongation at Break MD	17.7N/cm
Tensile Elongation	

Adhesive

PCC 17

PCC 17 is a permanent acrylic pressure sensitive adhesive. It is a high peel, low shear permanent adhesive suitable for adhesion to difficult surfaces. It has very good humidity and water resistance to BS5609. This adhesive is suitable for contact with foodstuffs in accordance with the USA Code of Federal Regulations, 21 CFR., Chp.1., Part 175, Sub parts A + B, Section 175 – 105 "Adhesives", 21 CFR 176 – 170 "Components

Typical Properties*

Coat Wt. / Thickness	40gsm m ² ± 2gsm / 40µ ± 2µ
Adhesion (FTM 1) (N/25mm)	24
Tack (FTM 9) (N/25mm)	16
Shear Strength (FTM 8)	>2 hrs

The normal upper service temperature is 150°C. The lower application temperature is -5°C and adhesion can be maintained down to -40°C. Area must be dry and clean on application.
PCC 17 has good resistance to the effect of migration of phthalate plasticiser and of UV and oxidation.

Release Liner

05

87 g 1 side White Clay Coated Kraft, 1 side solventless silicone coated release paper.

Typical properties*

Weight	87gsm ± 5gsm
Thickness	92µ ± 8µ
Tear MD	430mN
CD	500mN
Release Values	17.5 ± 7.5 Low speed g/25mm

Keep all rolls in their wrapping until required for processing.

Avoid wide variations in temperature and humidity in storage. Temperatures between 18°C – 23°C (64°F – 73°F) and a relative humidity between 50%-65% are the best conditions.

Providing correct packaging and storage of the reels, we guarantee them for 6 months after passage of risk.

The above data represents the averages obtained in our Laboratory. Specification for use and final result's correspond to our best technical experience but cannot be intended as our commitment of liability. User will determine the suitability of the product and method of application for each specific use.



Date: 23rd October 2018

RoHS Statement

Restriction of Hazardous Substances

Directive 2011/65/EU on the restriction of the use of certain hazardous substances in electrical and electronic equipment, including Directive 2015/863/EU of 31 March 2015 amending Annex II to Directive 2011/65/EU.

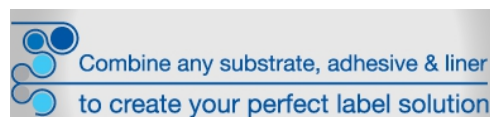
RoHS is a European Union CE marking directive restricting certain substances, primarily found in electrical and electronic equipment. It currently restricts the use of 6 heavy metals and has been amended for 2019 to include 4 additional substances. RoHS applies to homogeneous materials. A homogeneous material is of uniform composition throughout, or a material consisting of a combination of materials, that cannot be separated into different materials.

We can confirm that PL011705F does not contain lead, cadmium, mercury, hexavalent chromium, and polybrominated biphenyl or polybrominated diphenyl ethers, other than possible trace amounts that could be present in normal tap water and therefore to the best of our knowledge conforms to the RohS directive.

This information is given in good faith. No recommendation for specific application or use is implied and intended users are urged to determine to their own satisfaction the suitability for the purpose required.

Bruce Paddy

Technical Manager



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