

PC Series Polycarbonate Ink

High Performance for Membrane Switch & Automotive Applications

We developed PC Series Polycarbonate Ink specifically to meet the high standards and specifications of membrane switch, automotive and appliance applications. It offers superior application advantages, including: high clarity transparent colors, de-lamination resistance, excellent flexibility and outstanding adhesion. Matte or gloss finishes.



STANDARD COLORS

Mixing Clear	PC-3400
Flat* White*	PC-3401
Gloss White*	PC-3401A
Flat Black*	PC-3402
Gloss Black*	PC-3402A
Primrose Yellow LF*	PC-3406LF
Magenta*	PC-3408
Lemon Yellow* LF	PC-3409LF
Orange* LF	PC-3411LF
Medium Yellow* LF	PC-3412LF
Fire Red* LF	PC-3413LF
Perma Green*	PC-3415
Flag Red*	PC-3423
Deep Red* LF	PC-3424LF
Navy Blue*	PC-3427
Perma Blue	PC-3428
Satin Clear*	PC-3440
Emerald Green*	PC-3490LF
Light Blue*	PC-3491
Clear Halftone*	PC-3495
Maroon*	PC-3496
Super Opaque Black*	PC-34563

TRANSPARENT COLORS

Primrose Yellow*	PCT-3471
Medium Yellow*	PCT-3472
Red/Yellow Shade*	PCT-3473
Red/Blue Shade*	PCT-3474
Blue/Red Shade*	PCT-3475
Blue/Green Shade*	PCT-3476
Perma Green	PCT-3477
Violet	PCT-3478

METALLICS

Bright Silver*	PC-3433
Pale Gold*	PC-3434
Rich Pale Gold*	PC-3435
Rich Gold*	PC-3436
Silver*	PC-3437

*Heavy metal compliant

SUBSTRATES

Polycarbonate, top coated polyesters, vinyl films and selected plastics.

DRYING

Always Test Ink With Substrate Prior to Production

PC Series inks are formulated to dry through solvent evaporation. The use of forced air drying equipment is recommended for best results. These inks can air dry in 15 to 45 minutes with good air circulation.

EQUIPMENT: When forced air drying equipment is employed, be sure to allow for HIGH volumes of air to circulate.

Recommended drying conditions are:

100 to 120°F 45 to 90 seconds
3000 to 5000 cfm
Air circulation and air knives

MODIFIERS

Screening Thinner: PC-3410

Retarder: PC-3421

Gel Retarder: PC-3422

Flow Promoter: PC-3460

Non-Silicone Flow Promoter: PC-3461

Screen Wash: W-110

CLEAR

Satin Clear: PC-3440

Clear Halftone: PC-3495

COVERAGE

Approximately 1000 - 1300 Sq. Ft / Gal.

STENCILS	SCREEN MESH	SQUEEGEE
Direct method emulsions, capillary films	260 to 305 Monofilament	All types, 60 to 80 durometer



*Rev. 08 05 2026

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Note: Information contained in Cudner & O'Connor printed matter is based on laboratory and field tests. Because we cannot control actual production conditions, no warranty is expressed or implied. Careful testing is always recommended prior to production. Consult with our Technical Services Department on all application issues.

All products are RoHS & REACH Compliant:

RoHS-3 Directive (EU) 2015/IU (restriction of the use of certain hazardous materials in electrical and electronic equipment - Directive 2011/65/EU)

Cudner & O'Connor is aware of REACH Regulations and the proposals by the European Chemical Agency (ECHA) for the candidate list of items to be included on the list of 247 Substances of Very High Concern (SVHC) including the most recent list published 1/21/2025.

Based on information from our suppliers and formulation analysis, the products listed on this document are not manufactured with any of the substances listed in the most recent candidate list nor are they intentionally added during the manufacturing process, or in the cured film.