

PA Series Acrylic Multi-Use Ink

**If You Could Only Use One Ink
In Your Shop, This Is It**

PA Poly Acrylic Ink offers superb all-around performance for fleet marking, indoor and outdoor signage, general POS, metal parts and poster printing. This is a fast drying ink with good gloss, flexibility, good outdoor performance and is vacuum formable.



STANDARD COLORS

White*	PA-603
Hi Cover White*	PA-14940
Black*	PA-604
Ultra Blue*	PA-605
Medium Yellow LF*	PA-606LF
Navy Blue*	PA-607
Primrose Yellow LF*	PA-609LF
Medium Green LF*	PA-612LF
Fire Red LF	PA-613LF
Orange LF*	PA-114LF
Light Brown*	PA-615
Maroon*	PA-619
Flag Red LF*	PA-622LF
Deep Red LF*	PA-623LF
Perma Green*	PA-625
Brilliant Perma Blue*	PA-628
Emerald Green LF*	PA-690LF
Light Blue*	PA-691
Lemon Yellow LF*	PA-692LF
Dark Brown	PA-695

MIXING COLORS

Process Yellow LF*	PA-MS01LF
Mixing Orange*	PA-MS02
Rubine*	PA-MS03
Rhodamine*	PA-MS04
Purple*	PA-MS05
Reflex Blue*	PA-MS06
Cyan*	PA-MS07
Green*	PA-MS08
Mixing White*	PA-MS09
Mixing Black*	PA-MS10
Mixing Clear*	PA-MS11

METALLICS

Pale Gold*	PA-634
Rich Pale Gold*	PA-635
Rich Gold*	PA-636
Silver*	PA-637
Bright Silver*	PA-639

SUBSTRATES

Acrylics such as Plexiglass and Lucite

Vinyls semi-rigid and flexible vinyls, fleet marking films by 3M, Avery and Flexcon, foamed vinyl sheets such as Sintra, Trovicel, etc.

Other Plastics: Styrene, top-coated or otherwise print treated polyester, polycarbonates such as Lexan.

Other Substrates: Metal: (Coated/uncoated) | Glass | Foam Board | Paper | Wood

All products are RoHS and REACH compliant

DRYING

PA Series inks dry through solvent evaporation. Fresh air volume is more of a factor in dry time than temperature.

Force Dry: For high volume air dryer (3000 - 5000 cfm, equipped with air knives) at 100 -120°F: 30 - 60 seconds.

Air Dry: 15 - 45 minutes depending on air circulation and temperature.

Equipment: Batch oven with convection air or industrial conveyor dryer (non-textile) are preferred. IR panels may provide sufficient cure if belt will accommodate parameters above.

STENCILS

Direct method emulsions,
capillary films

SCREEN MESH

160 to 300+
Monofilament

SQUEEGEE

All types, 60 to 80
durometer

MODIFIERS

Reducer/Thinner: PA-601 to achieve desired viscosity.

Retarder PA-621 Retarder to slow in-screen drying

NOTE: Excessive use of retarder may inhibit drying of the printed film.

Flow Promoter: PA-620 or PA-620C Concentrate to improve ink flow out.

Screen Wash: PA-610

Clear: PA-602 | **Clear Spray Base:** PA-646 | **Sharp Print Compound:** PA-640

Spray Thinner: PA-647



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COVERAGE: Approx. 1200 - 1500 Sq. Ft / Gal.

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.

LF = Lead free * Heavy metal compliant