

NAZDAR®



screen tec
CORPORATION



ADE Series Epoxy Screen Ink (2 Part)

Nazdar ADE Series Epoxy Screen Ink

ADE inks are formulated with high-quality epoxy resins for excellent adhesion to a wide range of hard-to-print substrates. ADE provides outstanding solvent, chemical and abrasion resistance. ADE is a two-part ink system and must be initiated with ADE677 catalyst prior to use.

SUBSTRATES: Epoxy, melamine, treated polyethylene, polypropylene, metals, glass, PC boards.

END USES: Ideal for electronic and industrial applications.

MESH: 200-305 monofilament polyester or stainless steel mesh.

STENCIL: Direct method photo emulsion or equivalent. Also, any solvent resistant film or photo emulsion.

INK PREPARATION: Before using ADE ink, add 1 part ADE677 Catalyst to 5 parts ink. Pot life of catalysed ADE ink is approximately 6-8 hours. ADE678 High Performance Catalyst and ADE679 Snowboard Catalyst - Contact Technical Service for special data sheet.

AIR DRY: 30-60 minutes at room temperature.

FORCE-DRY: 3-5 minutes at 150°-180°F. Baking ADE prints for 10 minutes at 300°-325°F will produce the hardest, most durable prints.

EXTENDERS / ADDITIVES: To extend colour and / or reduce pigmentation, add ADE26 Mixing/Metallic Clear. For printing halftones and fine details, add ADE90 Heavy Body Base. For best printing results, reduce ink with 5-15% (by weight) RE190 Thinner. To prevent drying in screen under hot, humid conditions, add RE182 sparingly.

CLEAN UP: SW37 Wash Up.

| Description | | kg. | US Gal |
|-------------|-----------------------|-----------|----------|
| ADE10 | Primrose Yellow | \$82.70 | \$347.30 |
| ADE11 | Lemon Yellow | \$89.20 | \$374.40 |
| ADE114 | Brown* | \$50.50 | \$226.90 |
| ADE12 | Medium Yellow | \$84.90 | \$347.30 |
| ADE15 | Yellow (GS) | \$115.10 | \$586.80 |
| ADE16 | Yellow (RS) | \$147.60 | \$608.90 |
| ADE170 | Clear Gloss | | \$174.90 |
| ADE172 | Flat Clear* | | \$240.10 |
| ADE18 | Scarlet Red | | \$565.80 |
| ADE19 | Fire Red | \$83.60 | \$316.60 |
| ADE20 | Brilliant Orange | \$85.30 | \$326.80 |
| ADE22 | Ultra Blue | \$78.20 | \$299.90 |
| ADE26 | Mixing/Metallic Clear | \$55.10 | \$195.70 |
| ADE315 | Emerald Green | \$104.60 | \$408.00 |
| ADE358 | Tinting White | | \$258.50 |
| ADE359 | Tinting Black | \$69.80 | \$263.00 |
| ADE360 | Orange | \$108.80 | \$419.20 |
| ADE361 | Yellow | \$113.20 | \$429.10 |
| ADE362 | Warm Red | \$109.50 | \$414.00 |
| ADE363 | Rubine Red | \$78.90 | \$295.20 |
| ADE364 | Rhodamine Red | \$99.60 | \$370.90 |
| ADE365 | Purple | \$97.70 | \$364.30 |
| ADE366 | Violet | \$98.60 | \$370.90 |
| ADE367 | Reflex Blue | \$76.30 | \$289.30 |
| ADE368 | Process Blue | \$74.70 | \$284.10 |
| ADE369 | Green | \$93.90 | \$360.20 |
| ADE405 | Brilliant Blue* | \$67.70 | \$334.40 |
| ADE435 | Regal Blue | \$160.70 | \$370.50 |
| ADE456 | HT Process Blue | \$79.70 | \$303.70 |
| ADE503 | Permanent Red Y | | \$536.30 |
| ADE52 | Opaque Black | \$57.50 | \$210.20 |
| ADE568 | Permanent Magenta* | | \$414.20 |
| ADE578 | Permanent Cerise | | \$381.50 |
| ADE586 | Permanent Process Red | \$115.20 | \$439.50 |
| ADE62 | Warm Red | \$84.80 | \$319.40 |
| ADE67 | Reflex Blue | \$76.60 | \$361.20 |
| ADE75 | Opaque White | \$51.50 | \$223.90 |
| ADE78 | High Intensity White | \$50.90 | \$258.50 |
| ADE80 | Process Yellow | \$90.70 | \$382.30 |
| ADE81 | Orange* | \$140.80 | \$541.70 |
| ADE82 | Carmine | \$98.20 | \$369.30 |
| ADE83 | Magenta | \$150.60 | \$337.20 |
| ADE84 | Maroon | | \$435.80 |
| ADE85 | Green | \$76.80 | \$295.40 |
| ADE86 | Blue (GS) | | \$266.30 |
| ADE87 | Blue (RS) | | \$286.10 |
| ADE88 | Violet | \$85.90 | \$320.60 |
| ADE89 | Red Toner | | \$390.20 |
| ADE90 | Heavy Body Base | \$65.70 | \$245.10 |
| Description | | Half Pint | Litre |
| ADE677 | Catalyst litre | \$29.10 | \$121.10 |
| ADE678 | Glass Catalyst | | \$152.20 |
| ADE679 | Snowboard Cataylst | | \$113.20 |

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DA Series Nylon and Flock Screen Ink & DA Accelerator (2 Part)

Highly opaque and extremely flexible and elastic inks for printing and flocking most synthetic and natural textiles, includes waterproof nylon and other synthetics having a finish. (Pre-testing of waterproof nylon is recommended.) DA Series have virtually unlimited resistance to laundering and dry cleaning as well as ironing.

The DA Accelerator has been formulated to accelerate drying times of DA Series Nylon Inks.

SUBSTRATES: Cotton, cotton blends, synthetics, waterproof nylon, and finished synthetics.

END USES: Nylon jackets.

MIXING INSTRUCTIONS: DA Series is a two-part polymerizing system. All colours must be mixed with DA176 Catalyst in a proportion of 3.5 parts of colour to AT LEAST one part of catalyst BY WEIGHT. Catalyst DA176 is sensitive to moisture changes and should be stored in a cool, dry place. Catalyst should be kept tightly closed at all times. Use one quart of DA ink with a half pint of DA176 Catalyst and add up to 75 drops (1 gram) of DA Accelerator. Stir well.

FINISH: Gloss.

DRYING: DA Series will in most cases air-dry overnight for subsequent handling depending on ink/catalyst ratio. The ink will continue to cure for three to four days. Full resistance to washing and dry cleaning is effected approximately seven days after printing. Heat-curing at 300-325°F (148-160°C) is required for periods ranging from seven to 10 minutes. Correct use of DA Accelerator will reduce the drying time of DA Series Inks to four minutes at 300°F (149°C).

| CODE NO. | DESCRIPTION | 1 kilo | US. GALLON |
|----------|-------------------------------|--------|------------|
| DALF104 | BRIGHT RED | check | |
| + DA111 | BLACK | 74.00 | 346.00 |
| + DA112 | WHITE | 85.00 | 424.00 |
| DA124 | ORANGE | 98.00 | |
| DA134 | MEDIUM YELLOW | 97.00 | 429.00 |
| DA142 | EMERALD GREEN | 96.00 | |
| + DA152 | LIGHT BLUE | 91.00 | |
| + DA156 | BRIGHT BLUE | 79.00 | |
| + DA170 | CLEAR | 74.00 | |
| + DA176 | CATALYST (1/2 PINT \$28.00) | 96.00 | 297.00 |
| DA1882 | ACCELERATOR - 2 ounce - 77.00 | | U.S. Gal. |
| + RE188 | THINNER ----- | | inquire |
| + RE189 | RETARDER ----- | | inquire |
| + RE187 | THINNER ----- | | inquire |

[click here for color card](#)

STENCILS: Direct emulsions, photographic stencils or water soluble knife cut film.

SQUEEGEE: 60-80 durometer, square-edged blade.

CLEAN UP: VF184 Screen Wash.

OPACITY: All colours have excellent opacity and may be printed onto black or other dark grounds.

COVERAGE: Approximately 500-600 sq. ft./gal., depending upon screen fabric mesh.

MESH: 110-200 monofilament mesh is recommended.

030323

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PX Series Perma-Flex Flock Adhesive Ink DISCONTINUED