

# PE Series Thermal Set Polyester Ink

**Excels for Exterior Use On Metals**

For exterior use. PE Series offers excellent adhesion and flexibility for metal applications. This high gloss formulation is also recommended for general OEM use, nameplates, automotive and equipment panels. Superior flexibility and chemical resistance. **Complies with OT 180° bend performance standard.**



## STANDARD COLORS

Halftone Clear*	PE-801
Topcoat*	PE-802
White*	PE-803
Black*	PE-804
Primrose Yellow LF*	PE-805LF
Lemon Yellow LF*	PE-806LF
Medium Yellow LF*	PE-808
Orange LF*	PE-810
Fire Red LF*	PE-812
Flag Red LF*	PE-813
Deep Red LF*	PE-815-LF
Magenta*	PE-816
Light Blue*	PE-817
Perma Blue*	PE-818
Navy Blue*	PE-819
Ultra Blue*	PE-820
Emerald Green*	PE-821
Perma Green*	PE-822
Iron Oxide Yellow*	PE-823
Iron Oxide Red*	PE-824
Iron Oxide Black*	PE-835

## TRANSPARENT COLORS

Transparent Yellow*	PE-831
Transparent Orange*	PE-832
Transparent Red B*	PE-833
Transparent Magenta*	PE-834
Transparent Violet*	PE-835
Transparent Blue*	PE-836
Transparent Green*	PE-837
Transparent Red Y	PE-838

## METALLICS

Pale Gold*	PE-826
Rich Gold*	PE-827
Silver*	PE-828
Bright Silver*	PE-829
Rich Pale Gold*	

**Complies with OT  
180° bend  
performance  
standard**

## SUBSTRATES

Metals | Anodized, mill-finished and coated aluminum.

## BAKE/CURE

**PE SERIES INKS WILL NOT CURE BY AIR DRYING**

### Bake Dry:

300°F for 15 minutes  
350°F for 8 minutes  
400°F for 4 minutes  
Flash-off 30 seconds at 500°F.

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

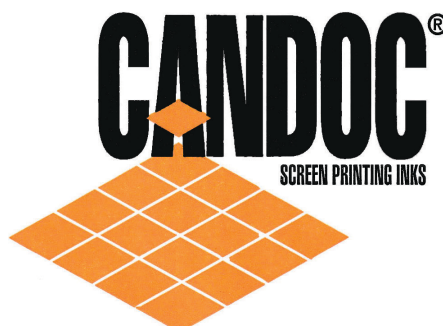
STENCILS	SCREEN MESH	SQUEEGEE
Direct method emulsions, capillary films	260 to 300 Monofilament	All types, 60 to 80 durometer

## MODIFIERS

**Reducer:** PE-847  
**Flow Additive:** Use 0.25 to 1.0% PE-845  
**Catalyst:** PE-850  
**Wash Up:** PE-849

## COVERAGE

Approximately 1200 - 1500 Sq. Ft / Gal.



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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.

\*Heavy metal compliant