



Luttrell Engraving Inc.  
Flexographic Printing Plates for the Packaging Industry

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Product Information Sheet

**PHOTOPOLYMER PLATE ULTRA-VIOLET BLOCKER**

All photopolymer plates deteriorate from the ultra-violet (UV) light in press rooms and storage areas. The effects vary depending on the type of photopolymer and the amount of exposure to UV light. Plate chipping, cracking, becoming sticky and gummy are common results of UV degradation.

All work environments have UV light emissions; some more than others. Most photopolymer plates will show the effects of being exposed to direct factory lighting within only a few days. Plates should be stored in closed boxes or stored in a low-light area.

The requirement to replace plates is very seldom due to wear. Plate handling and plate break-down caused by UV exposure are the most common reasons.

Our **UV BLOCKER** process has proven to dramatically minimize UV plate failure. Plates that have been processed with our **UV BLOCKER** process are very identifiable. They are opaque black.

**Causes of plate degradation:**

- ▶ Exposure to ultra-violet light in press rooms and storage areas

**Results of UV degradation:**

- ▶ Chipping
- ▶ Cracking
- ▶ Stickiness
- ▶ Gumminess

**How to minimize UV degradation:**

- ▶ Use opaque black UV BLOCKER plates.