

Lightspeed was developed as an economical digital UV curable ink for the billboard/banner market. Made with the most durable lightfast pigments, this high performance series is designed for both interior and exterior applications. Lightspeed's performance characteristics are especially suited for use on all roll-to-roll presses and prints on a variety of environmentally friendly recycled media and materials currently being used in the billboard market, including reinforced polyethylene.

Performance Properties

- Excellent chemical, water/moisture resistance
- Ideal for billboard applications
- Non-blocking for two sided banners
- Non-marring and scratch resistant
- Vivid colors offer a spectacular color array
- VOC/heavy metal free

Curing

Cure will be dependent on ink film thickness. Please consult Polymeric's Technical Services Department for appropriate curing recommendations.

Known Compatible Presses with 30-50-80 picoliter heads:

- Durst 350 R
- Durst 351 R
- Fujifilm Sericol Uvistar series 3.5m and 5m
- HP Scitex XP 2100
- HP Scitex XP 2300
- HP Scitex XP 5100 (Nur Expedio 5000)
- HP Scitex XP 2700 (Nur Expedio Inspiration)
- HP Scitex XP 5300 (Nur Expedio Revolution)

Lightfastness

Lightspeed's exterior durability is largely dependent on the amount of ink deposited which is directly related to head type and nozzle size. At full strength, Lightspeed's estimated exterior durability is up to one year.

Recommended Substrates

- Billboard media including polyethylene
- Blue back paper
- High impact polystyrene
- Pressure sensitive vinyl
- PVC
- Vinyl banner

Complementary Products

- **19988 Conversion Fluid** - internal ink supply system for ink conversions
- **19481 UVD Head Conditioner** – print head flush supply system which is separated from the ink supply system
- **16581 Head wiping solution** – External solution for the printhead (not to be used in the ink supply system)

Storage

Care should be taken to store ink in tightly closed containers located in a cool dark place at ambient temperatures. With suitable conditions, unopened ink is expected to have a shelf life of approximately twelve (12) months.

Precautions

Read the Safety Data Sheet (SDS) prior to processing. It contains instructions for precautions to be taken when handling inks. If ink comes in contact with skin wipe ink off with a clean, dry cloth. **DO NOT USE SOLVENT.** Wash and rinse the affected areas with soap and water.

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