

Tempilink® Color Guide

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The **Tempilink** family of chemical Indicating inks provides a range of options to meet your indicator needs. Available for all common sterilization methods, these ink are formulated in both water and solvent based systems to support printing on a range of materials, from non-porous medical grade papers and tapes to films.

Contact your LA-CO Industries representative for questions on individual inks.

Steam/Autoclave

(10 min, 121°C, or 2 min, 134°C)

Water-Based

Printed Exposed

| | |
|-------------|-------------|
| White | Cocoa |
| Red/Pink | Cocoa |
| Blue | Cocoa |
| Green | Purple |
| Yellow | Red/Pink |
| Yellow | Cocoa |
| White | Red/Magenta |
| Red/Magenta | Green |
| Green | Cocoa |

Solvent-Based

Printed Exposed

| | |
|----------|-------|
| White | Cocoa |
| Red/Pink | Cocoa |
| Blue | Cocoa |
| Yellow | Cocoa |

Irradiation

(10 kGy)

Printed Exposed
Water-based

| | |
|--------|-------------|
| Yellow | Rust/Maroon |
|--------|-------------|

Ethylene Oxide (EtO)

(20 min, 54°C, 600mg/l EO or, 25 min, 37°C, 600mg/l EO)

Water-Based

Printed Exposed

| | |
|----------|--------------|
| Blue | Golden/Brown |
| Blue | Green |
| Red/Pink | Golden/Brown |
| White | Golden/Brown |
| Yellow | Golden/Brown |

Solvent-Based

Printed Exposed

| | |
|----------|--------------|
| Blue | Golden/Brown |
| Blue | Green |
| Red/Pink | Golden/Brown |
| White | Golden/Brown |

Dry Heat

(40 min, 160°C)

Printed Exposed
Solvent-based

| | |
|------|-------|
| Blue | Cocoa |
|------|-------|

Formaldehyde

(15 min, 70°C, 1.0 mol/l gas)

Printed Exposed
Water-based

| | |
|----------|-------|
| Red/Pink | Green |
|----------|-------|

Thermochromic Water-Based

Printed Exposed
Water-based

| | |
|--------|----------|
| White | Cocoa |
| Yellow | Red/Pink |
| White | Blue |
| Yellow | Red/Pink |

Hydrogen Peroxide

(6 min, 50°C, 2.3 mg/l VH2O2)

Printed Exposed
Water-based

| | |
|----------|----------|
| Red/Pink | Yellow |
| Blue | Yellow |
| Blue | Red/Pink |
| Red/Pink | Blue |

The colors represented in these charts should be used as a guideline and are not intended to represent an exact color depiction of your converted chemical indicators (CI's) as Tempilinks cannot be matched to commercial ink color matching systems. All information on this data sheet is based on general experience and for guideline purpose only. LA-CO Industries makes no representation or warranties of any kind concerning this data.

