



## Adhesives and Coatings

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The Chemistry of Customer Attention

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## Craigcoat™ 1021TR

### Application

One-part UV silicone tight release coating. Provides the lowest level of release of 1021 Series. This coating cures by a free-radical mechanism and is useful where cationic curing release coatings cannot be cured.

Can be applied via roll coaters (Steinemann, Bilhofer, etc.), blanket coaters and flexo presses. Suggested coat weights are 0.20-0.30 mils obtainable by using an anilox with cell volume of 3-7 bcm.

This coating **must be mixed well** prior to using and continually mixed and recirculated during use in order to maximize consistency.

Although, this coating is compatible with various adhesives, it provides different levels of release on each.

Some adhesives may be too aggressive and, as a

result, will not release from the coating. Please perform thorough testing, including aging, before using on a live job.

**Caution:** *UV coatings may fade rhodamine and reflex blue inks; check for compatibility.*

### Physical Properties

**APPEARANCE:** Milky liquid.

**VISCOSITY:** 1000-1200 CPS (Brookfield, 20 rpm, #4 spindle, 77°F)

**GLOSS:** Above 60% (60° head)  
Varies with coating weight.

**WEIGHT /GALLON(LBS):** 9.4 +/- 0.1

**SOLIDS:** ~100%

**VOC:** ~0%

**SHELF LIFE:** Six months in closed container

**STORAGE CONDITIONS:** Store below 80°F. Keep away from sunlight, artificial light and excessive heat. If very cold, product should be warmed slowly. Low temperatures will thicken product; high temperatures will thin product.

**CURE SPEEDS:** Suggested starting point is 150 fpm with one 400 WPI lamp. Actual belt velocity will depend on the number of lamps, power of lamps and the efficiency of the reflectors. **The degree of cure significantly effects the release properties, especially upon aging.**

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