

Product Information

Daylight Negative Contact Film.

Description

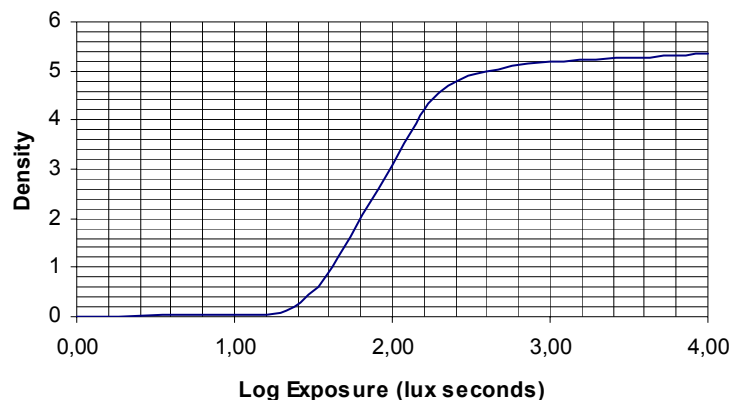
BCC 100 Negative Contact Film is a negative-acting, extremely high contrast, ultraviolet (UV) sensitive film for contact work under room-light conditions by using suitable contact frames.

BCC 100 Negative Contact Film is available on 0,10/4 mil and 0,18 mm/7 mil polyester base, standard and Matte surface:

- BCC 100 (0,10 mm/4 mil, std surface)
- BCM 100 (0,10 mm/4 mil, Matte surface)
- BCC 180 (0,18 mm/7 mil, std surface)
- BCM 180 (0,18 mm/7 mil, Matte surface)

Features

- White light handling
- High maximum density
- Low minimum density
- Excellent image quality
- Hard Dot sharpness
- Antistatic base material
- Excellent dimensional stability
- Wide exposure latitude
- Wide processing latitude
- Outstanding room-light resistance
- Compatible with the most common Rapid Access chemistries on the market



Applications

- Contacting negative and positive halftone separations
- Combining several elements on one-piece final film
- Step and repeat work
- Chokes and spreads
- Hardening low density halftone dots

Safelight Recommendation

BCC 100 Negative Contact Film can be handled both before and after exposure in up to 40 foot-candles (430 lux) of subdued white fluorescent roomlight illumination substantially free of ultraviolet (UV) energy. Such illumination is supplied by yellow fluorescent lamps and also by white fluorescent lamps (warm white preferred) modified by UV absorbing diffusers. Other common roomlight sources contain varying amounts of UV energy and their roomlight tolerances for the BCC 100 Negative Contact Film should be tested under the specific conditions of use.

Please, observe the above mentioned precautionary recommendations for better results, even if the BCC 100 Negative Contact Film has been designed for use virtually without any safelight.

Sizes

BCC 100 Negative Contact Film is available in standard sheets and roll sizes.

Exposure Control

Expose BCC 100 Negative Contact Film in contact frames equipped of 0,5 to 1.5 KW metal-halide exposure source, 100 cm or more from the frame. Optimum exposure should be determinate by means of a trial of the exposure series, following the equipment manufacturer's recommended procedures.

Processing

For optimum results use Imageline DEV-HDC High Contrast Developer (dilution 1:4) and Imageline FIX/C High Speed Fixer.

For best results maintain the fixer at the same temperature as the developer.

Processing Recommendations

Before handling or using any chemical product be sure to read the Material Safety Data Sheet for health hazard data, precautionary information and suggested first aid.

<i>Process</i>	<i>Time</i>	<i>Temperature</i>	<i>Replenishment Rate*</i>
DEV-HDC Developer (dil. 1:4)	30 seconds	35° C	450 ml/m ²
FIX/C Fixer	30 seconds	35° C	500 ml/m ²

Note : * Replenishment rates are indicated for a 50% exposed film

Recommended Tanks Turnover per Week: Minimum of 0,5.

Storage

For optimum results store BCC 100 Negative Contact Film in a flat position and light-tight package at temperatures no higher than 27°C with a relative humidity of 50%.

Do not store BCC 100 Negative Contact Film in areas exposed to radioactivity, chemical dust or fumes, or other forms of air pollution.

Additional Information

For more information, contact COLENTA Labortechnik GmbH & Co. KG: graphic@colenta.at

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