



Film for mobile und stationary speeding supervision and red light supervision

Traffic Surveillance Color Film: MACO TCS EAGLE 400

The special requirement of the traffic supervision, like high sharpness for the registration of license plates, as well as very good fineness of grain for the identification of the car drivers, were taken into consideration with the concept of this film. The MACO TCS EAGLE 400 possesses a high exposure reserve for the application with difficult lighting conditions, or multi – lane driveways. The practical sensitivity lies between ISO 400/27° and ISO 800/30°.

Characteristics:

- color negative film;
- large latitude from +/- one f/stop, with high exposure reserve, for the application with all lighting conditions and weather terms;
- special coating for the improvement of transport qualities in the cameras;
- use with daylight as well as with artificial light unconditionally possible;
- acetate film base with high breaking strength and resistance of tearing;
- the large contrast area guarantees the reproduction of the different tonality values;
- very good resolution power, very fine grain and very high sharpness, as a basis for negatives with an excellent quality;
- extra – hard protective coating on both sides of the film for the avoidance of scratches;
- especially suitable for the digital evaluation over scanner

Technical Data

<u>Layer bearer:</u>	dimension-containing, tear proof acetate base, 100µm, crystal clear
<u>Layer construction:</u>	
- Emulsion side:	protective coating + color emulsion + acetate base 100µm
- Back Side:	NC-protective coating
<u>Total layer thickness:</u>	137,0µm
<u>Sensitivity:</u>	ISO 400/27°
<u>Graininess:</u>	RMS (x1000): 7.0
<u>Resolution:</u>	contrast: 1000:1 Lp/mm: 130

Darkroom lighting:

The MACO TCS EAGLE 400 Film is to be processed within complete darkness.

Black shield effect

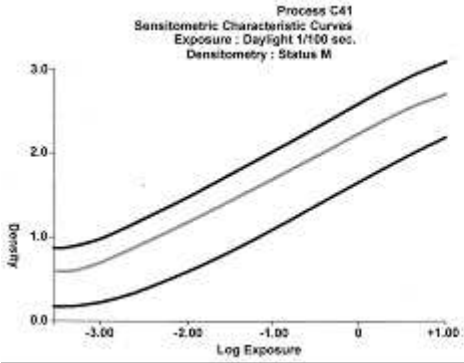
Exposure reading in seconds	$1/10000 - 1$
Exposure correction in seconds	N/A
Correction of the processing time	N/A

Storage:

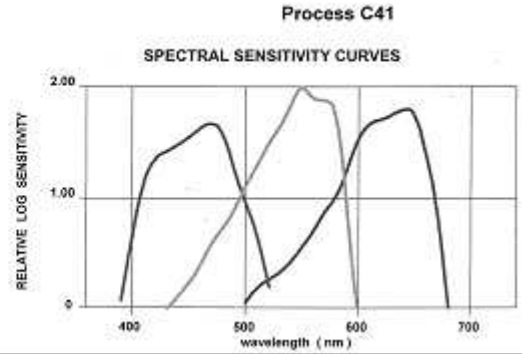
- un-exposed film: up to 24 month, with cold storage of 8°C is recommended
- exposed film: after exposure process film as soon as possible

DIAGRAM:

Typical curve:



Spectral sensitivity:



Density curve:

Daylight 1/1000 s
Film process Color negative process C41

Processing:

The MACO TCS EAGLE 400 film is to be processed in the color negative process C41, or with compatible development process at large – respectively mini labs.

Packaging:

35mm - 8,5m / spool	Article No.: TCS4008
35mm - 17,0m / spool	Article No.: TCS4017
35mm - 30,5m / spool	Article No.: TCS4030