

OLE_{100E} 0.10mm(0.004)

Application

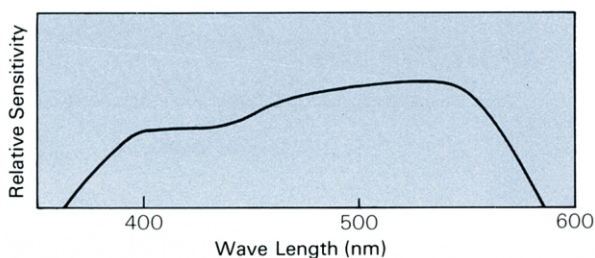
Konicalith Ortho Film OLE is a super high contrast orthochromatic lith film suitable for camera line and bot-to-dot contact work. OLE is economy lith line film especially recommended for general line work where wide etchability is not required.

Features

- Sharp line reproduction
Due to the high resolution, a sharp and clear line is obtained
- Wide handling latitude
Due to the wide exposure and processing latitude, high quality image is always ensured
- Wide selection of process
OLE can be processed to its maximum result in Konica Blender System or conventional lith processing

Technical Date

1. Color Sensitivity



2. Safe Light

It is recommended to use Konica Safe Light Glass No. 8A (red) with 20W bulb at a distance of 1m or more.

3. Exposure guide

Filter Factor (Wratten Filter)

Light Source	Filter	No.8A(K2)	No.47B	No.58
	Pulsed Xenon		2.0	14
Iodine or Tungsten		1.6	29	2.9

Relative exposure time without filter is 1.0.

4. Recommended Processing Condition

● Machine Processing

Processer	Developer	Dev.Condition		Fixer
		Dev.Temp.	Dev.Time	
GL/27	Konicadol litho Type271	32°C(90°F)	1min	Konica Fix Type811
		27°C(81°F)	1min40sec	

● Tray Processing

Developer	Dev.Temp.	Dev.Time
Konicadol Litho Type111	20°C(68°F)	2min30sec ~ 3min30sec

Stop bath : Acetic acid 3%, 20°C(68°F)
: 1min30sec ~ 3min

Fix : Konifix 20°C(68°F) 1min30sec ~ 3min
: Konifix Rapid 20°C(68°F) 1min ~ 2min

Wash : 10min in running water

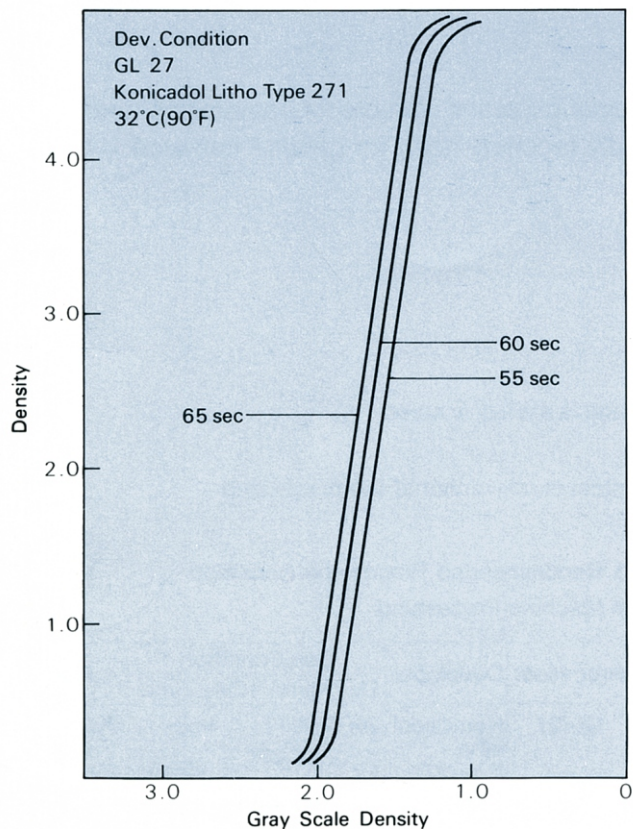
Anti-Water Drop : Konidax 0.2%, 20°C(68°F) 30sec

Dry : Under 50°C(122°F)

5. Replenishment

Processing Chemical	Dev.Repl.	Fix Repl.
Film Size		
252mm×303mm	18~23ml	40ml

6. Characteristic Curve



7. Camera Line Work

Light SOURCE	Exp.Time
Xenon	4~6 sec
Iodine	8~12sec

Camera : DS C-45D

Light Source : Xenon.....1.5KW×4 bulbs
Iodine.....500W×4 bulbs

Aperture : F16

Magnification : 100%

8. Contact Work

- Dark Room Contact Frame

Voltage	60~55V
Exp.Time	10sec

Contact Frame : Dark Room Contact Frame

Light Source : Tungsten

Original : 5 layers(50 Dot% on original to be reproduced as 55 Dot% on contact film)

9. Contact Gradation Curve

