

BID LIST 0385

SPECIFICATION FOR PHOTOGRAPHIC FILM FOR MISCELLANEOUS PURPOSES

PROPERTY NUMBERS: 257982, 240508,

NOTE: SEE ALSO GPO PROPERTY #240516

GENERAL REQUIREMENTS

These films are to be used in GPO's Negative Section to produce high quality negatives for both line work and halftones. The films must be used in conjunction with photographic developer made by the same manufacturer as a "system". This will insure high quality results and ease of troubleshooting, by utilizing the appropriate developer with the film. The system of matched films and developer must be capable of producing high speed, high contrast line and halftone negatives in a process camera.

Procurement awards for these films must be made in conjunction with the award for developer (Property #240516) in order that the correct amount of developer (according to manufacturer's recommended replenishment rate) is on hand to process the total number of rolls of film that are ordered. For award purposes, the total price of all rolls of film and developer necessary for processing the film should be utilized. The film shall have a shelf life of one year after receipt.

SPECIFIC REQUIREMENTS

<u>PROPERTY NUMBER</u>	<u>WIDTH OF ROLL</u>	<u>CLEAR OR MATTE FINISH</u>
257982	610 mm (24")	clear
240508	305 mm (12")	clear

Film length	61.0 m (200')
Winding	emulsion side out, film taped to core
Inside diameter core	71.9 mm (2.832")
Developing time	45 seconds max
Developing temperature.....	24-38°C (75-100°F)
DMax	3.50 min
Base density.....	0.10 max
Contrast.....	For line work, utilizing a Stouffer 14-step scale, a solid step 3, gray step 4, and clear step 5 should be achievable.
Fine lines.....	Lines on copy 0.076-0.102 mm (0.003-0.004"), reproducible without any breaks.
Halftones.....	When using a positive magenta 133-line screen, film must be able to hold a 10% highlight dot and a 90%

shadow dot. The dots must be clean, crisp, and sharp throughout the entire range without evidence of a "halo", fuzziness or veiling.

Stability..... Developer must be stable over a period of 5 days minimum with no changes in negative quality.

TESTING AND SAMPLE REQUIREMENT

The manufacturer is required to supply three (3) rolls of film with the appropriate amount of developer (according to the manufacturer's recommended replenishment rate) for preliminary testing. If initial results are satisfactory; GPO will purchase further film and developer for more extensive testing prior to placing product on qualified product list. Films and developer are required to meet specifications when using the following equipment:

Process Cameras

Dainippon Screen C-475-D
Klimsch Autovertikal T-RP
Langston Monotype Overhead Camera (GPO #8194)
Chemco Marathon Model 1211

Processors

LogEtronic LogE (GPO #3616, 3618, 3620)
LogEtronic Model LD2600A
Kodak Kodamatic 710

QUALIFIED PRODUCT LIST

THE FOLLOWING PRODUCTS HAVE BEEN TESTED AND COMPLY WITH THE CURRENT SPECIFICATION:

Kodak Ultratec
Kodak S0268
Anitec Reprodot RH4
Anitec Newsdot
Polychrome Millenium 3000 - PXL4
Konica HRC-100E Tetrasige Camera Film

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