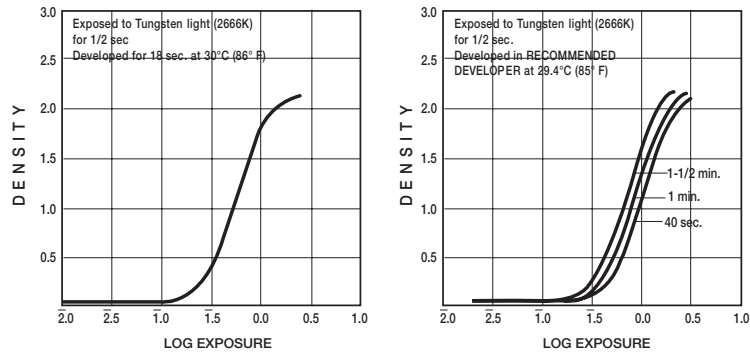


FUJIFILM MICROFILM NEGATIVE SUPER HR

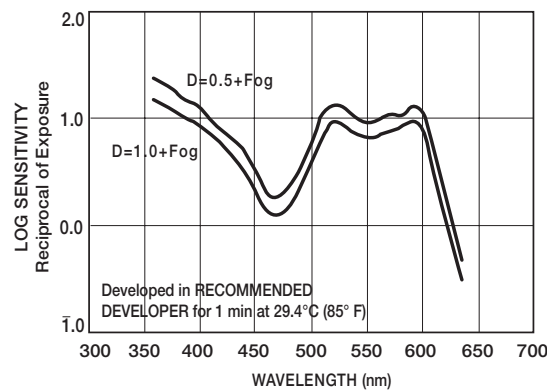
APPLICATION	<p>FUJIFILM Super HR is an extremely fine grain film with outstanding high resolution characteristics, high contrast and medium speed. This film yields superior quality micro images of business records, newspapers, journals, books and engineering drawings, especially at high reduction ratio. The film is designed to provide sharper, well-defined images for scanning into digital imaging systems.</p> <p>The film's enhanced spectral sensitivity and high contrast enables sharp reproduction of colored or low contrast text, for example various kinds of colored order sheets, invoices, checks and other sales records.</p> <p>Good image quality is obtained in table top high temperature processors as well as in high speed-normal temperature processors.</p> <p>An Anti-halation Undercoat incorporating solid-particle absorbing dyes contributes to the superior light-absorbing qualities. Film waste due to room light fogging is markedly reduced during camera loading and unloading. This technology leads to the reduction in light scatter within the emulsion increasing image sharpness significantly.</p>					
EXPOSURE INDEX	<p>80 The exposure index is based on formula 45/E (M.C.S.) at a density of 1.2 above gross fog .</p>					
COLOR SENSITIVITY	<p>Panchromatic</p>					
SAFELIGHT	<p>Total darkness required</p>					
BASE USED	<p>PET-125 Polyester Clear base 0.125 mm (4.9 mils)</p>					
THICKNESS BEFORE PROCESSING	<p>PET-125 0.130 mm (5.1 mils)</p>					
RESOLVING POWER	<table border="1"> <thead> <tr> <th>Test Object Contrast</th> </tr> </thead> <tbody> <tr> <td>1:1000</td> </tr> </tbody> </table>	Test Object Contrast	1:1000	<table border="1"> <thead> <tr> <th>Lines/mm</th> </tr> </thead> <tbody> <tr> <td>850</td> </tr> </tbody> </table>	Lines/mm	850
Test Object Contrast						
1:1000						
Lines/mm						
850						
PROCESSING	<p>Measured on Fujifilm resolution tester model FRE-1</p> <p>FUJIFILM Super HR film has been designed for broad compatibility with all standard processing equipment and will produce uniformly excellent results with all high quality microfilm developers.</p> <p>FUJIFILM Super HR film may be safely processed in high speed-normal temperature processors as well as in table top high temperature processors. In view of the great variety in the basic design of processors, rigid statements on development times tend to mislead rather than guide the user. The best development time should be established in each processing operation on the basis of equipment design and end results desired.</p> <p>Only chemicals specifically designed for microfilm should be used. After the standard practice of development and fixing a sufficient wash should follow to reduce thiosulphate levels for compliance with ISO standards for archival film.</p>					

FUJIFILM MICROFILM NEGATIVE SUPER HR

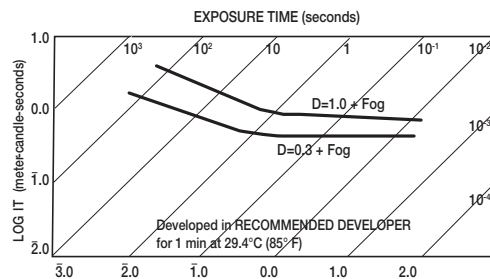
CHARACTERISTIC CURVES



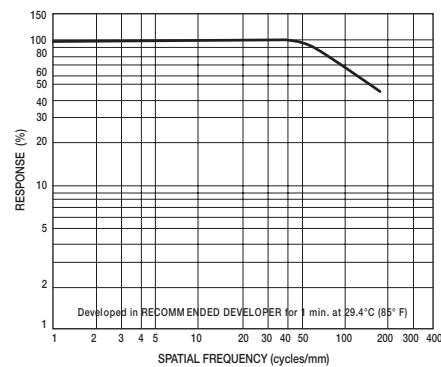
SPECTRAL SENSITIVITY CURVES



RECIPROCITY CURVES



MODULATION TRANSFER FUNCTION CURVE



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