

# Film (Alliance Recording HND)



|                                                         |                                                                                                                          |             |
|---------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------|-------------|
| Model                                                   | HND                                                                                                                      |             |
| Plate Type                                              | Digidot far red film                                                                                                     |             |
| Spectral Sensitivity                                    | HeNe laser and red laser diode (630-670nm)                                                                               |             |
| Description                                             | Emulsion coated on a 0.10 mm antistatic polyester base                                                                   |             |
| Practical Photographic Properties with different engine |                                                                                                                          |             |
| Engine                                                  | Accuset                                                                                                                  | Avantra     |
| Int. Setting                                            | 165                                                                                                                      | 210         |
| Practical Density                                       | D.4.10-4.20                                                                                                              | D.4.10-4.20 |
| 5%                                                      | 4%                                                                                                                       | 5%          |
| 50%                                                     | 51%                                                                                                                      | 51%         |
| 95%                                                     | 96%                                                                                                                      | 95%         |
|                                                         |                                                                                                                          |             |
| Developer                                               | Agfa developers                                                                                                          |             |
| Processing time                                         | 25-60 sec                                                                                                                |             |
| Processing temperature                                  | 35°C or 95°F                                                                                                             |             |
| Developer Replenishment<br>(eg, ACD/ASD)                | 15% exposure                                                                                                             | 100ml/m²    |
|                                                         | 50% exposure                                                                                                             | 200ml/m²    |
|                                                         | 85% exposure                                                                                                             | 350ml/m²    |
| Anti-OX replenishment                                   | 2500 ml/24h=0.660 US gallons/24h                                                                                         |             |
| Fixer                                                   | Agfa fixer                                                                                                               |             |
| Fixing temperature                                      | 32°C or 90°F                                                                                                             |             |
| Fixer replenishment(Without<br>Fixer electrolysis)      | 15% exposure                                                                                                             | 500 ml/m²   |
|                                                         | 50% exposure                                                                                                             | 300ml/m²    |
|                                                         | 85% exposure                                                                                                             | 100ml/m²    |
| Fixer replenishment with<br>Fixer electrolysis          | 125 ml/m²                                                                                                                |             |
| Practical set-up density                                | >D 4.00 (dotgain depending on optical quality of imagesetter)                                                            |             |
| Chemical Compatibility                                  | Processable in all rapid access chemistries and in main hard dot chemistries such as<br>RA2000, FUJIHQ QRD-1 AND QRD-1P  |             |
| Dimensional Stability                                   | Humidity coef: 0.10mm base, Crh 0.016mm/m/%RH<br>Temp. coef: 0.10mm base, Cot 0.018mm/m/1°C                              |             |
| Safe light                                              | Dark Green, recommended: Encapsulite T20/ND.75 or equivalent                                                             |             |
| Storage                                                 | The film are preferably stored in a cool dry place temperature below 20°C and a relative<br>humidity between 30% and 60% |             |

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