

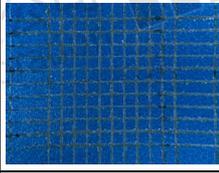
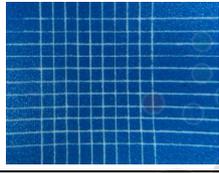
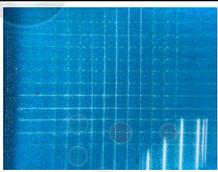
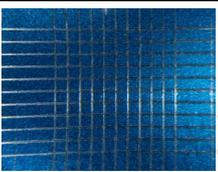
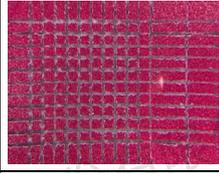
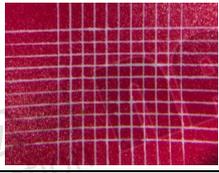
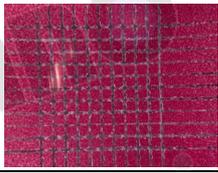
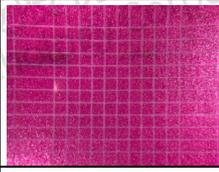
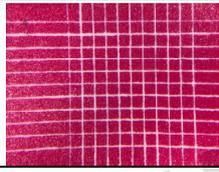
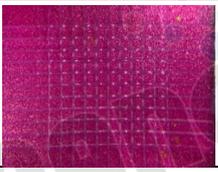
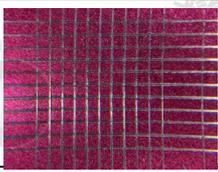
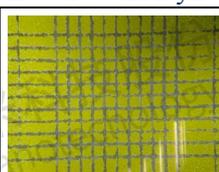
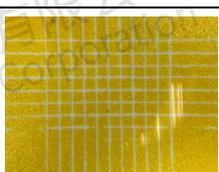
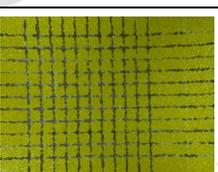
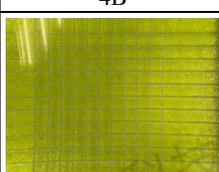
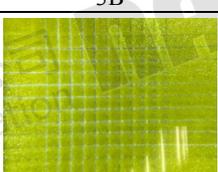
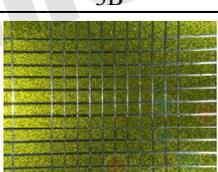
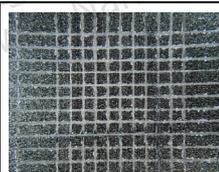
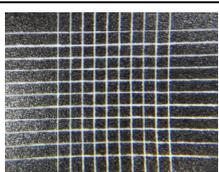
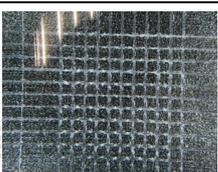
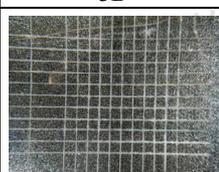
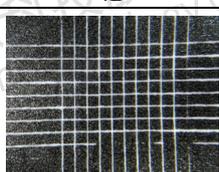
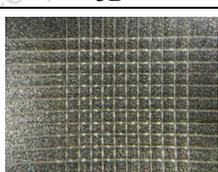
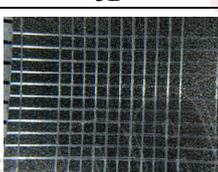
Adhesion Test Report

Adhesion Test Condition:

3M Film Tape 600
Automatic Adhesion Cross-Cut Tester
Loading Weight: 4kg
Speed: 1.5mm/s



Printhead: Ricoh G5

| Substrate Color | | Acrylic | Ceramic | Glass | Aluminum |
|----------------------------------|---|---|---|--|---|
| | | C | with White |  4B |  5B |
| without White |  5B | |  5B |  5B |  5B |
| Pencil Hardness Tes of Acylic: H | | | | | |
| M | with White | |  3B |  5B |  4B |
| | without White |  5B |  4B |  5B |  5B |
| | Pencil Hardness Tes of Acylic: H | | | | |
| | Y | with White |  4B |  4B |  3B |
| without White | |  5B |  4B |  5B |  5B |
| Pencil Hardness Tes of Acylic: H | | | | | |
| K | | with White |  3B |  4B |  3B |
| | without White |  4B |  4B |  4B |  4B |
| | Pencil Hardness Tes of Acylic: H | | | | |

Adhesion Test Report

Adhesion Test Condition:

3M Film Tape 600
Automatic Adhesion Cross-Cut Tester
Loading Weight: 4kg
Speed: 1.5mm/s



Printhead: Ricoh GH-2220

| Substrate | | Acrylic | Ceramic | Glass | Aluminum |
|----------------------------------|---------------|---------|---------|-------|----------|
| | | Color | | | |
| C | with White | | | | |
| | | 4B | 4B | 4B | 4B |
| | without White | | | | |
| | | 5B | 5B | 4B | 5B |
| Pencil Hardness Tes of Acylic: H | | | | | |
| M | with White | | | | |
| | | 4B | 4B | 4B | 4B |
| | without White | | | | |
| | | 5B | 5B | 5B | 5B |
| Pencil Hardness Tes of Acylic: H | | | | | |
| Y | with White | | | | |
| | | 3B | 4B | 3B | 3B |
| | without White | | | | |
| | | 5B | 4B | 3B | 5B |
| Pencil Hardness Tes of Acylic: H | | | | | |
| K | with White | | | | |
| | | 3B | 4B | 3B | 3B |
| | without White | | | | |
| | | 4B | 4B | 4B | 3B |
| Pencil Hardness Tes of Acylic: H | | | | | |

Adhesion Test Report

Adhesion Test Condition:

3M Film Tape 600
Automatic Adhesion Cross-Cut Tester
Loading Weight: 4kg
Speed: 1.5mm/s



Printhead: Epson DX5

| Substrate Color | | Acrylic | Ceramic | Glass | Aluminum |
|--------------------|----------------------------------|----------------------------------|------------|-------|----------|
| | | C | with White | 3B | 4B |
| without White | 5B | | 5B | 5B | 5B |
| | Pencil Hardness Tes of Acylic: H | | | | |
| M | with White | | 3B | 4B | 4B |
| | without White | 5B | 5B | 5B | 4B |
| | | Pencil Hardness Tes of Acylic: H | | | |
| | Y | with White | 3B | 4B | 4B |
| without White | | 5B | 5B | 4B | 4B |
| | | Pencil Hardness Tes of Acylic: H | | | |
| K | | with White | 3B | 4B | 3B |
| | without White | 5B | 4B | 4B | 3B |
| | | Pencil Hardness Tes of Acylic: H | | | |