ColibriDigital® Super Tack

Test report: Nr. 24012101

Colibri Digital Super Tack sticker test report.

For comparison, was taken the most popular standard sticker on the market. The test was performed on the Cardboard C50RTT.

Test Conditions:

Used material:
- ColibriDigital SuperTack **(Vinyl1)**
- Most popular standard sticker on the marke **(Vinyl2)**
- Cardboard C50RTT

Printing inks:
- Eco-Solvent (ColibriDigital 1615)

Printed on:
- Roland RF-640

Environmental conditions:

Indoor temperature: 21 °C
Realative humidity: 50-55%

Application method:

Applicated with CWT Flatbed Applicator (Roll pressure 4-bar)

Test Item	Glue	Adhesion
Vinyl 1	Permanent clear Solvent Acrylic Super Tack Glue	N/25mm 20+
Vinyl 2	P3 Glue	N/25mm 14

Testing condition: Indoor temperature 21C, Relative Humidity 52%*

Test Results

Applicated: 2 hours after printing.
Remove test: 48 hours after application.

Vinyl2

Vinyl1

ColibriDigital® Super Tack

Test report: Nr. 24012102

Shrinkage after Cutting Test

Sticker shrinkage testing was performed in 3 stages: cutting 1 minute after printing, 2 hours after printing, and 6 hours after printing. All measurements were performed 72 h. after cutting.

Test Conditions:

Used material:
- ColibriDigital SuperTack (Vinyl1)
- Most popular standard sticker on the market (Vinyl2)

Printing inks:
- Eco-Solvent (ColibriDigital)

Printed on:
- Roland RF-640
- GZ 1804S

Environmental conditions:

Indoor temperature: 21 °C
Realative humidity: 50-55%

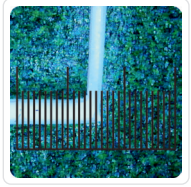
Test Items	Glue	Adhesion
Vinyl 1	Permanent clear Solvent Acrylic Super Tack Glue	N/25mm 20+
Vinyl 2	P3 Glue	N/25mm 14

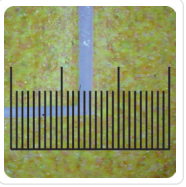
Testing condition: Indoor temperature 21C, Relative Humidity 50%*

All measurements were performed 72 h. after cutting.

Cutting test 1 : Drying time 1min.

Printed on: Roland RF-640 (Vinyl1)
ColibriDigital Super Tack


Color1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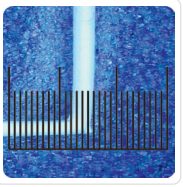
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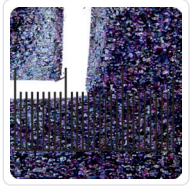
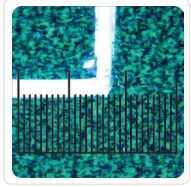

Color4


Color5

Test Items	Units	Test method	Value
Color1	mm	Print&Cut	0.3
Color2	mm	Print&Cut	0.2
Color3	mm	Print&Cut	0.4
Color4	mm	Print&Cut	0.4
Color5	mm	Print&Cut	0.5

Printed on: Roland RF-640 (Vinyl2)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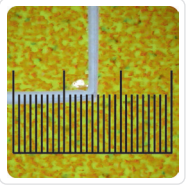
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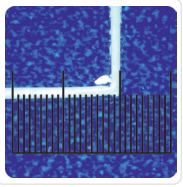
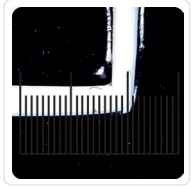

Color3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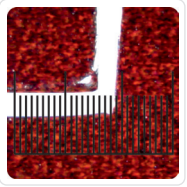

Color5

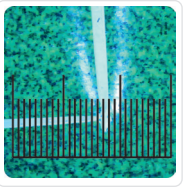
Test Items	Units	Test method	Value
Color1	mm	Print&Cut	0.2
Color2	mm	Print&Cut	0.1
Color3	mm	Print&Cut	0.1
Color4	mm	Print&Cut	0.3
Color5	mm	Print&Cut	0.3

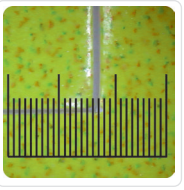
ColibriDigital® Super Tack

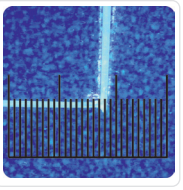
Test report: Nr. 24012102

Cutting test 1 : Drying time 1min.

Printed on: GZ-1804S (Vinyl1) Super Tack


Color1


Color2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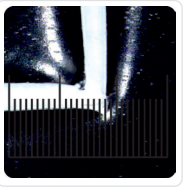
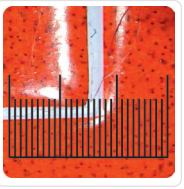
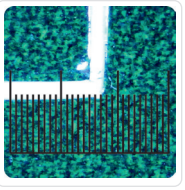
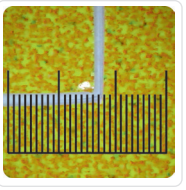

Color4

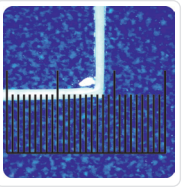

Color5

Test Items	Units	Test method	Value
Color1	mm	Print&Cut	0.2
Color2	mm	Print&Cut	0.2
Color3	mm	Print&Cut	0.2
Color4	mm	Print&Cut	0.4
Color5	mm	Print&Cut	0.3

Printed on: GZ-1804S (Vinyl2)


Color1


Color2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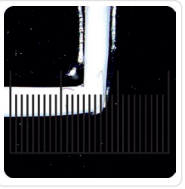
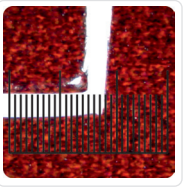

Color4

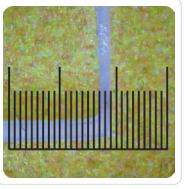

Color5

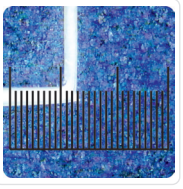
Test Items	Units	Test method	Value
Color1	mm	Print&Cut	0.3
Color2	mm	Print&Cut	0.1
Color3	mm	Print&Cut	0.1
Color4	mm	Print&Cut	0.4
Color5	mm	Print&Cut	0.3

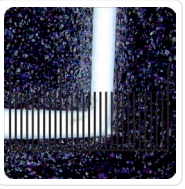
Cutting test 2 : Drying time 120min.

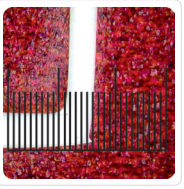
Printed on: Roland RF-640 (Vinyl1) Super Tack


Color1


Color2

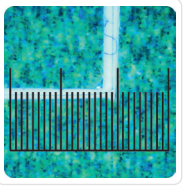

Color3

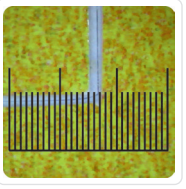

Color4

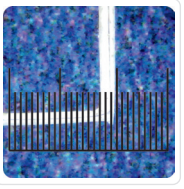

Color5

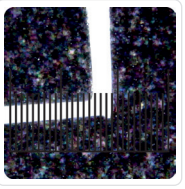
Test Items	Units	Test method	Value
Color1	mm	Print&Cut	0.2
Color2	mm	Print&Cut	0.2
Color3	mm	Print&Cut	0.2
Color4	mm	Print&Cut	0.3
Color5	mm	Print&Cut	0.4

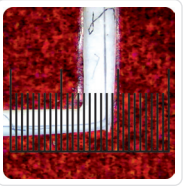
Printed on: Roland RF-640 (Vinyl2)


Color1


Color2


Color3


Color4


Color5

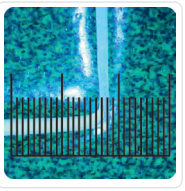
Test Items	Units	Test method	Value
Color1	mm	Print&Cut	0.2
Color2	mm	Print&Cut	0.2
Color3	mm	Print&Cut	0.2
Color4	mm	Print&Cut	0.3
Color5	mm	Print&Cut	0.4

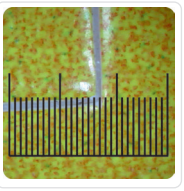
ColibriDigital® Super Tack

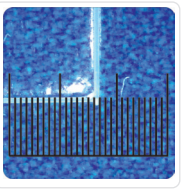
Test report: Nr. 24012102

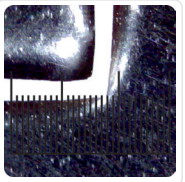
Cutting test 1 : Drying time 120min.

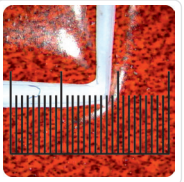
Printed on: GZ-1804S (Vinyl1) Super Tack


Color1


Color2

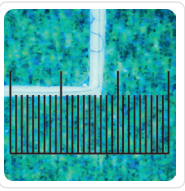

Color3

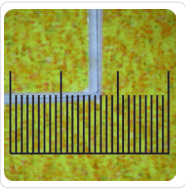

Color4

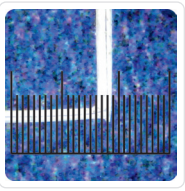

Color5

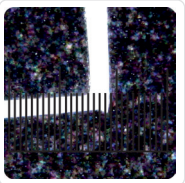
Test Items	Units	Test method	Value
Color1	mm	Print&Cut	0.2
Color2	mm	Print&Cut	0.1
Color3	mm	Print&Cut	0.1
Color4	mm	Print&Cut	0.3
Color5	mm	Print&Cut	0.3

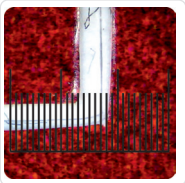
Printed on: GZ-1804S (Vinyl2)


Color1


Color2


Color3

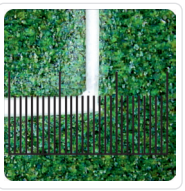

Color4

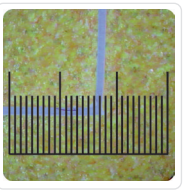

Color5

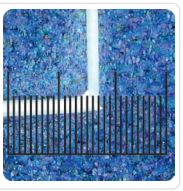
Test Items	Units	Test method	Value
Color1	mm	Print&Cut	0.2
Color2	mm	Print&Cut	0.1
Color3	mm	Print&Cut	0.2
Color4	mm	Print&Cut	0.3
Color5	mm	Print&Cut	0.4

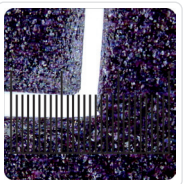
Cutting test 2: Drying time 120min.

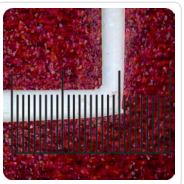
Printed on: Roland RF-640 (Vinyl1) Super Tack


Color1


Color2

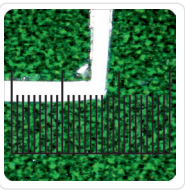

Color3

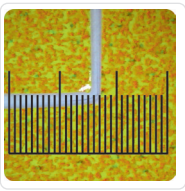

Color4

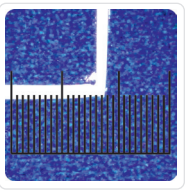

Color5

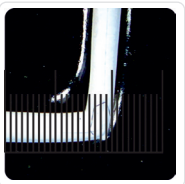
Test Items	Units	Test method	Value
Color1	mm	Print&Cut	0.2
Color2	mm	Print&Cut	0.1
Color3	mm	Print&Cut	0.2
Color4	mm	Print&Cut	0.3
Color5	mm	Print&Cut	0.3

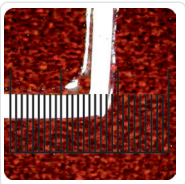
Printed on: Roland RF-640 (Vinyl2)


Color1


Color2


Color3


Color4


Color5

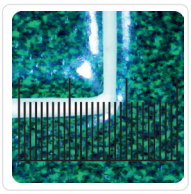
Test Items	Units	Test method	Value
Color1	mm	Print&Cut	0.4
Color2	mm	Print&Cut	0.2
Color3	mm	Print&Cut	0.2
Color4	mm	Print&Cut	0.5
Color5	mm	Print&Cut	0.3

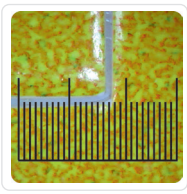
ColibriDigital® Super Tack

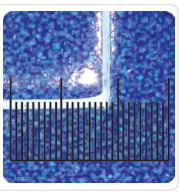
Test report: Nr. 24012102

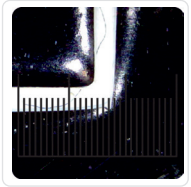
Cutting test 3: Drying time 360min.

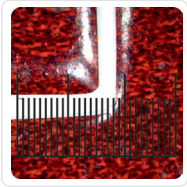
Printed on: GZ-1804S (Vinyl1) Super Tack


Color1


Color2

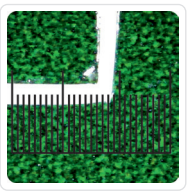

Color3

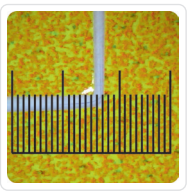

Color4

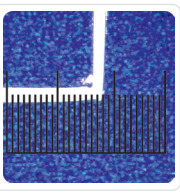

Color5

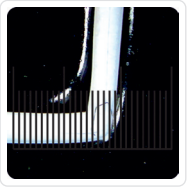
Test Items	Units	Test method	Value
Color1	mm	Print&Cut	0.3
Color2	mm	Print&Cut	0.2
Color3	mm	Print&Cut	0.1
Color4	mm	Print&Cut	0.4
Color5	mm	Print&Cut	0.3

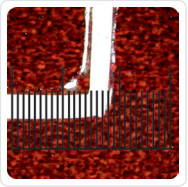
Printed on: GZ-1804S (Vinyl2)


Color1


Color2


Color3


Color4


Color5

Test Items	Units	Test method	Value
Color1	mm	Print&Cut	0.2
Color2	mm	Print&Cut	0.1
Color3	mm	Print&Cut	0.2
Color4	mm	Print&Cut	0.4
Color5	mm	Print&Cut	0.3

Test Results

Cutting test 1 : Drying time 1min.

Test Items	Units	Test method	Average value
ColibriDigital ® SuperTack (Vinyl1)	mm	Print&Cut	0.2 - 0.3
Other Vinyl (Vinyl2)	mm	Print&Cut	0.2 - 0.3

Testing condition: Indoor temperature 21C, Relative Humidity 50%*

Cutting test 2 : Drying time 120min.

Test Items	Units	Test method	Average value
ColibriDigital ® SuperTack (Vinyl1)	mm	Print&Cut	0.2 - 0.3
Other Vinyl (Vinyl2)	mm	Print&Cut	0.2 - 0.3

Testing condition: Indoor temperature 21C, Relative Humidity 50%*

Cutting test 3 : Drying time 360min.

Test Items	Units	Test method	Average value
ColibriDigital ® SuperTack (Vinyl1)	mm	Print&Cut	0.2 - 0.3
Other Vinyl (Vinyl2)	mm	Print&Cut	0.2 - 0.3

Testing condition: Indoor temperature 21C, Relative Humidity 50%*