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







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





Color3

Color1







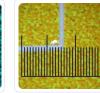
Color4

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)

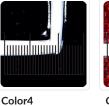






Color1

Color2





Color5

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

The information stated below is based upon our knowledge and practical experience. This data is intended only as a source of information, and is given without guarantee and does not constitute a warranty. Due to the wide variety of possible uses and applications, customers should independently determine the suitability of this material for their specific purpose prior to use



Test report: Nr. 24012102

Cutting test 1 : Drying time 1min.

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

Color1	



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	0.4
Color5	mm	Print&Cut	0.3

Cutting test 2 : Drying time 120min.

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





Color3

Color1

Color4

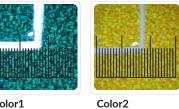


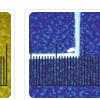


Color5

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: GZ-1804S (Vinyl2)





Color3

Color1

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

Printed on: Roland RF-640 (Vinyl2)







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



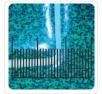




Test report: Nr. 24012102

Cutting test 1 : Drying time 120min.

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





Color3

Color1





Color4

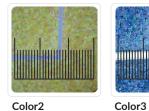
Color5

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

Cutting test 2: Drying time 120min.

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





Color1



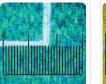


Color4

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: GZ-1804S (Vinyl2)





Color2



Color1





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

Printed on: Roland RF-640 (Vinyl2)







Color3

Color1





Color4

Color5

Color2

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

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Test report: Nr. 24012102

Cutting test 3: Drying time 360min.

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

Color1	Color2	Color3
Color4	Color5	
Test Items Uni	its Test method	Value

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





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%*