

Screen Printing KYDEX® Thermoplastic Sheet

For information applicable to KYDEX® FST please refer to 300 series technical briefs.

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Introduction

KYDEX® thermoplastic sheet is easily printed on as long as the recommended inks are used.

A good copy can be achieved by using the recommendations sent to us by NAZDAR. NAZDAR recommends 1600, 1700, 1800, 1900, 9700, System 2, and 9600 with 10% NB-72 catalyst inks for screen printing on KYDEX® sheet. The following are test results from NAZDAR concerning screen printing on KYDEX sheet using the recommended inks:

Test Results:

Substrate Tested: [KYDEX® thermoplastic sheet](#)
Ink: [1600](#)

Additive / Amt %	Mesh	Dry Temp / Time	Cure Rate	Treatment Required	Adhesion**					
					Tape	XH Tape	Scratch	XH Scratch	Chemical Test	Weather Test
None	355		40 x 200	No	G	G	G	G	N/A	N/A
None	355		40 x 200	Yes / alcohol wipe	G	G	G	G	N/A	N/A

Substrate Tested: [KYDEX® thermoplastic sheet](#)
Ink: [1700](#)

Additive / Amt %	Mesh	Dry Temp / Time	Cure Rate	Treatment Required	Adhesion**					
					Tape	XH Tape	Scratch	XH Scratch	Chemical Test	Weather Test
None	355		40 x 200	No	G	G	G	G	N/A	N/A
None	355		40 x 200	Yes / alcohol wipe	G	G	G	G	N/A	N/A

Substrate Tested: [KYDEX® thermoplastic sheet](#)
Ink: [1800](#)

Additive / Amt %	Mesh	Dry Temp / Time	Cure Rate	Treatment Required	Adhesion**					
					Tape	XH Tape	Scratch	XH Scratch	Chemical Test	Weather Test
None	355		40 x 200	No	G	G	G	G	N/A	N/A
None	355		40 x 200	Yes / alcohol wipe	G	G	G	G	N/A	N/A

Substrate Tested: [KYDEX® thermoplastic sheet](#)
Ink: [1900](#)

Additive / Amt %	Mesh	Dry Temp / Time	Cure Rate	Treatment Required	Adhesion**					
					Tape	XH Tape	Scratch	XH Scratch	Chemical Test	Weather Test
None	355		40 x 200	No	G	G	G	G	N/A	N/A
None	355		40 x 200	Yes / alcohol wipe	G	G	G	G	N/A	N/A

KYDEX, LLC

ISO 9001 and 14001 Certified

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**Inks
Continued**

Substrate Tested: **KYDEX® thermoplastic sheet**
Ink: **9600**

Additive / Amt %	Mesh	Dry Temp / Time	Cure Rate	Treatment Required	Adhesion**					
					Tape	XH Tape	Scratch	XH Scratch	Chemical Test	Weather Test
9630-NB @ 10-10%	195	24 hours		No	G	G	G	G	N/A	N/A
9630-NB @ 10-10%	195	24 hours		Yes / alcohol wipe	G	G	G	G	N/A	N/A

Substrate Tested: **KYDEX® thermoplastic sheet**
Ink: **9700**

Additive / Amt %	Mesh	Dry Temp / Time	Cure Rate	Treatment Required	Adhesion**					
					Tape	XH Tape	Scratch	XH Scratch	Chemical Test	Weather Test
RE 180 @ 10%	195	24 hours		No	G	G	G	G	N/A	N/A
RE 180 @ 10%	195	24 hours		Yes / alcohol wipe	G	G	G	G	N/A	N/A

If you need more information,
please contact NAZDAR in the US at 1-800-767-9942
or internationally on the web at <http://www.nazdar.com>

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