

Transportation Safety Division

Setting up Traffic Color Printing when using Flexi Production Manager RIP Software

Information Folder 1.23 August 2019

Replaces Information Folder 1.23 Dated September 2017

1 Description

To prepare to print the regulated traffic colors Traffic BLUE, Traffic GREEN, and Traffic BLACK using an HP printer and Flexi Production Manager RIP software, follow all of the instructions below. There are two separate steps to import the media profile and the appropriate 3M traffic presets into the Flexi Production Manager RIP software.

Step 1: Import Media File

Import media profile **3M 3930_4000 Traffic Colors.oms** (this will bring the media and print mode profile into printer):

a. Open Flexi Production Manager.



b. Be sure the correct HP printer is selected.



d. Open Default Job Properties.

Default Job Properties	X
Preset:	
	V
Media size 48.56in x 4000.00in Remove	
↔ 48.560in 🊔 🚺 4000.000in 🚔 🕅	

e. Go to the Printer Options tab.

fault Job Proper	rties	_		
Preset:				
Media Manage	ement	3	Read	Media Automatically
Category:	Self-Adhesive Vinvl		,	Media management
Media:	3M 3930 4000 Traffic C	olors	-	Download ICC
Dist Made	12- CMVK-m 150	.01013		Read Media from Printer
Print Mode: Passes 12	Direction bidir InkDensity 150 Resolution 600x600	EfficiencyMo	de OFF	Get optimal results
Mechanical Pa	arameters			
	Temperature unit:	Fahrenheit	-	
	Curing temperature:	225 🜲	°F	
	20	N/m		
	Advance factor:	0.0	mm/m	
	80 -	mm H2O		
	Automatic tracking (OMAS):			
	Inter-pass delay offset:			
	180 🜩	mm H2O	*100	
Printer Control	S			
Show Printer Alerts Wake Up Printer			Printer	
Calibrati		Prepare t	to Print	
Print hea		Printer	Info	
Check prin	nter status while printing		Cut sheet	after printing
			ОК	Cancel Apply

f. Select Media management.

g.	Select	Import. 🔪
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Latex Media Explorer	HP Latex 365 Printer	Spine Public		Role-tangenet	×
Paper PET Film PP & PE Film & Banner PVC Banner Self-Adhesive Vinyl	New	Import	Export		
rextile	Generic Backlit Paper 20p_CMYKcm_150 12p_CMYKcm_130 16p_CMYKcm_150		Clone		m
	Generic Coated Paper 8p_CMYKcm_90 10p_CMYKcm_90		Clone		
	Generic Paper 10p_CMYKcm_110 8p_CMYKcm_100 50_CMYK_70		Clone		÷
Sync media					

h. Browse to where Media file **3M 3930_4000 Traffic Colors.oms** is stored, highlight the file, and click "Open."

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Coover Setup Nes + Flexi - 4 Search Flexi	٩
Organize New folder	• 🔟 🔞
Name	Date modified
3M 3930_4000 Traffic Colors.oms	5/16/2017 9:11 A
3M Blue-Green Test.pdf	6/9/2017 1:08 PN
3M Traffic Signs.ptf	6/1/2017 1:26 PN
🐃 📲 Setting up Traffic Color Printing when using Nexi RIP Software_DRAFT 22JUN17.docx	6/22/2017 10:06
	4
File name: 3M 3930_4000 Traffic Colors.oms	-
Open 🔫	Cancel

- i. Printer will alert you that it is going to update a media file. The LCD panel will show message "Update: on hold. File is not signed."
- j. Press "Continue" on LCD panel on printer.
- k. Installation will begin. The LCD panel screen header will read "Installing substrate preset."
- I. When substrate has been loaded into HP, the LCD panel screen header will read "Substrate preset installed successfully."

Step 2: Flexi Production Manager (RIP) Import Preset

Import preset, e.g. **3M Traffic HP365 3930 Series ASTM v1.ptf** (Preset files are printer model and sheeting series specific; be sure to import all .ptf files for the printer being used.):

a. Go to File menu,



b. Select "Import Preset..."

File	Edit Setup	View	Help
¢2	Add Job		Ctrl+O
	Move Job		
	Acquire Imag	e	+
194 1	Job Properties		Ctrl+J
	Variations		
	Ink Estimation	ı	
	Edit With		
B	Nest Jobs		/
R.	Unnest Jobs		
	Break Apart		
	Export Preset.	. 7	
	Import Preset		
R	Save As		Ctrl+S
÷	RIP		Ctrl+R
	Send		Ctrl+P
	Job Estimation	n	
	Print Wizard		
ŵ	Abort		
	Exit		

c. Browse to where the presets are stored, highlight the file and click "Open." E.g. 3M Traffic HP 365 3930 Series ASTM v1.ptf.

					x
30-	🍌 « Customer setup files 🕨 Flexi	- ⁴ 9	Search Flexi		Q
Organize	▼ ■ Open with Burn New folder			≡ - 1	0
☆ 🏫	Name	Date modified	Туре	Size	
	3M 3930_4000 Traffic Colors.oms	5/16/2017 9:11 AM	OMS File	5,120 KB	
	🔁 3M Blue-Green Design Test.pdf	6/27/2017 5:36 PM	Adobe Acrobat D	418 KB	
- 4	🔁 3M Blue-Green Test.pdf	6/9/2017 1:08 PM	Adobe Acrobat D	49 KB	
9	🚺 3M Traffic HP365 3930 Series ASTM v1.ptf	8/9/2017 2:49 PM	PTF File	2,018 KB	
	3M Traffic HP365 4000 Series ASTM v1.ptf	8/9/2017 2:50 PM	PTF File	2,018 KB	
	Estting up Traffic Color Printing when usin	6/23/2017 11:33 AM	Microsoft Word D	410 KB	
PTF	3M Traffic HP365 3930 Series ASTM v1.ptf Da PTF File	te modified: 8/9/2017 2 Size: 1.96 MB	2:49 PM		

d. Verify preset download in Default Job Properties.

Default Job Properties					
Preset: 3M Traffic HP365 3930 Series ASTM v1					
2 🕤 🚯					
Media Management					
Category:	Self-Adhesive Vinyl	Media management			
Media:	3M 3930_4000 Traffic Colors	Download ICC			
Print Mode:	12p_CMYKcm_150 -	Read Media from Printer			
Passes 12 Direc	ction bidir InkDensity 150 EfficiencyMode OFF Resolution 300x300	Get optimal results			

2 Other Product Information

Always confirm that you have the most current version of the applicable product bulletin, information folder, or other product information from 3M's Website at <u>http://www.3m.com/digital4traffic</u>.

3 Literature References

<u>3M IF 1.17</u> User Guide 3M[™] Reflective Sheeting and HP Latex 360/365 Printers

For Information or Assistance Call: 1-800-553-1380 In Canada Call: 1-800-3M HELPS (1-800-364-3577)

Internet: http://www.3M.com/roadsafety

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