

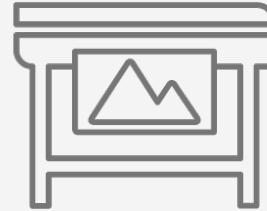
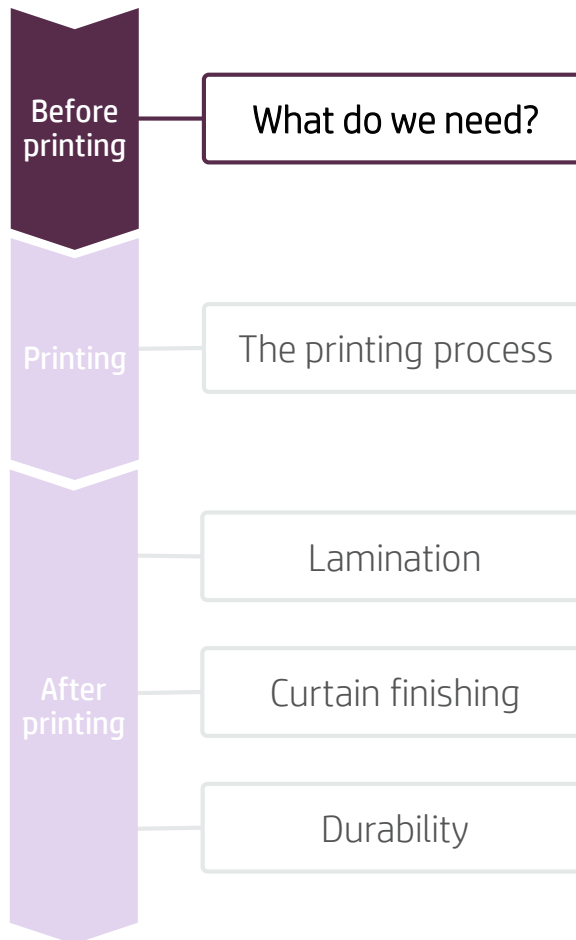
# How to print truck curtains with HP Latex Technology

This document will explain how to print and protect truck curtains with HP Latex printers and Printcolor varnishes in order to increase their durability.

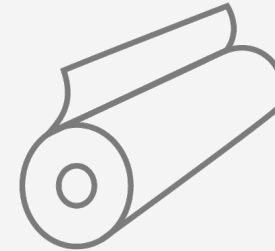


# How to print truck curtains

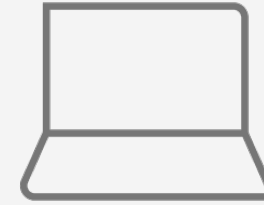
## What do we need?



HP Latex  
3600 Printer



HEYtex PVC  
banner



SW tool  
(image editor  
and RIP)



Printcolor 2C  
Easy Protect  
protective  
varnish



Sieve



Mechanical  
mixer



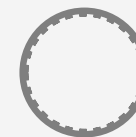
Weighing scales



Cutting  
device



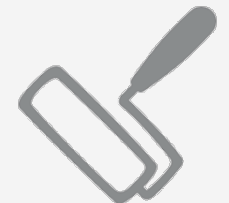
Banner  
welding tools  
(optional)



Eyelets  
(optional)



Spray  
(optional)

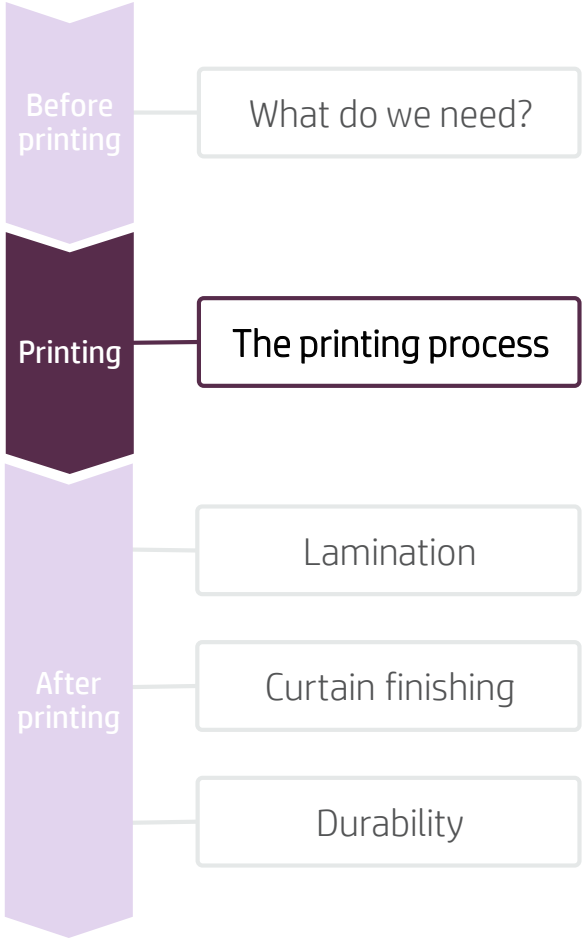


Roller  
(optional)



# How to print truck curtains

## The printing process



Base material
HEYtex PVC Banner



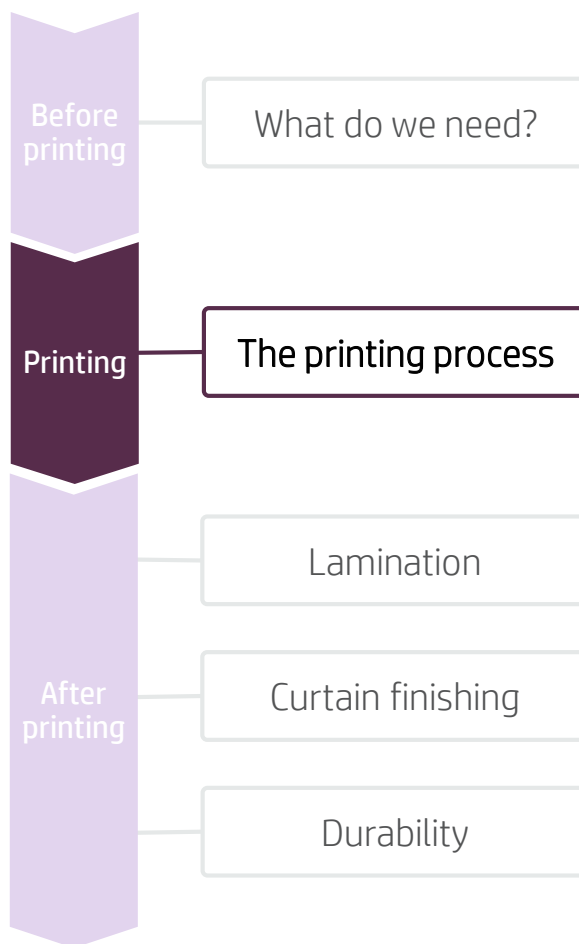
Substrate type	Width	Weight	Application
HEYtex H5560-0292 vectaplan 9/9 print	2.5 m 3 m	680 g/m <sup>2</sup> (≈130 kg/roll)	Truck tarpaulin
HEYtex H5551-0290 vectaplan panama	3 m 3.2 m	900 g/m <sup>2</sup> (≈190 kg/roll)	Truck curtain



**NOTE:** Certified in the media locator:  
<https://www.printos.com/ml/#/homeSubstrateLocator>

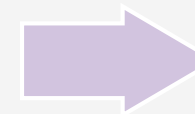
# How to print truck curtains

## The printing process



### Recommended configuration

- Printer: HP Latex 3600
- Printmode: 6 pass 100% ink



Press print



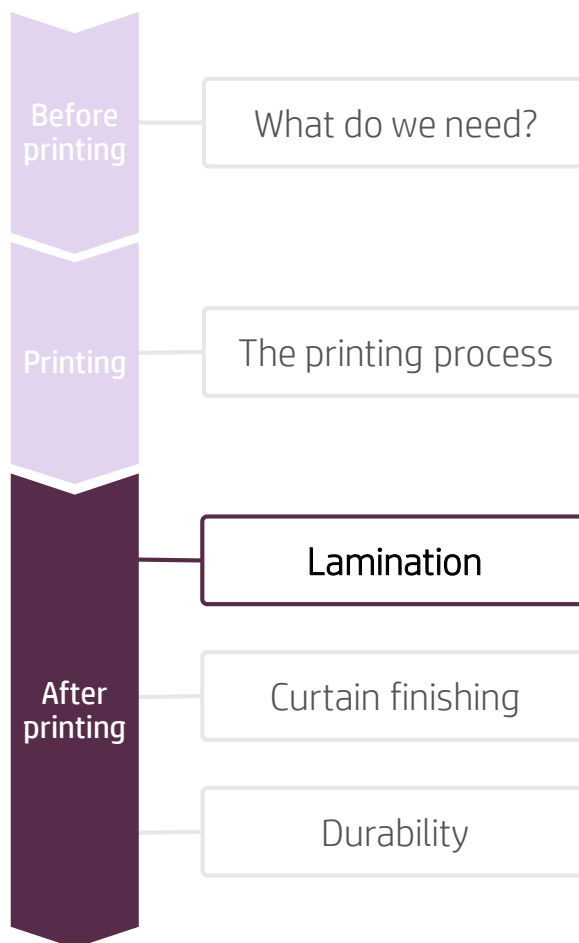
**NOTE:** HP Latex 1500 and 3200 Printer also hold the required width, but for rolls with a weight up to 160 kg while the HP Latex 3600 holds up to 300 kg. HP Latex 3800 Printer is suitable as well, but is prepared to work with bigger rolls than the ones required for this application (1200 kg/roll).

The settings can be downloaded in the media locator:

<https://www.printos.com/ml/#/homeSubstrateLocator>

# How to print truck curtains

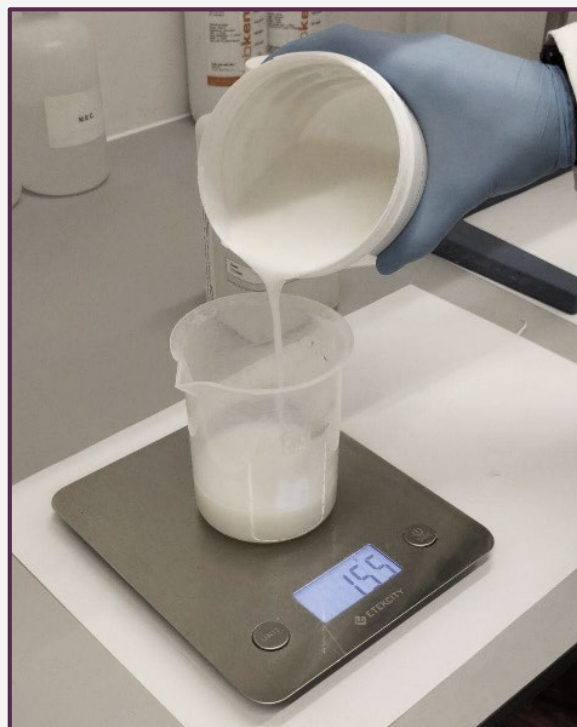
## Lamination



1

### Weigh

Measure the 2 components by weight in a proportion of 10:1 (ratio of varnish to hardener).



### Printcolor 2C Easy Protect



Varnish

482-6700

Hardener

482-HDA

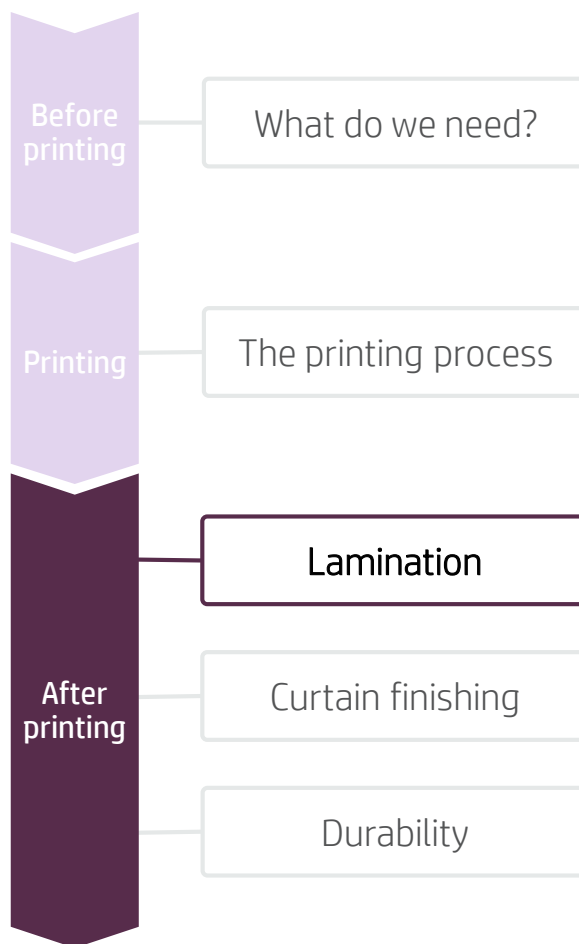
+



**TIP:** Store the varnish between 18-25°C, never below 15°C.

# How to print truck curtains

## Lamination



# 2

### Mix

Mix the 2 components at high speed with a mechanical mixer. Add the hardener gradually.



 **NOTE:** Once the mixture is ready, the varnish has a pot life of 4-8 hours.

# 3

### Stand

Wait for 10 minutes to allow the mixture to defoam.



# 4

### Filter

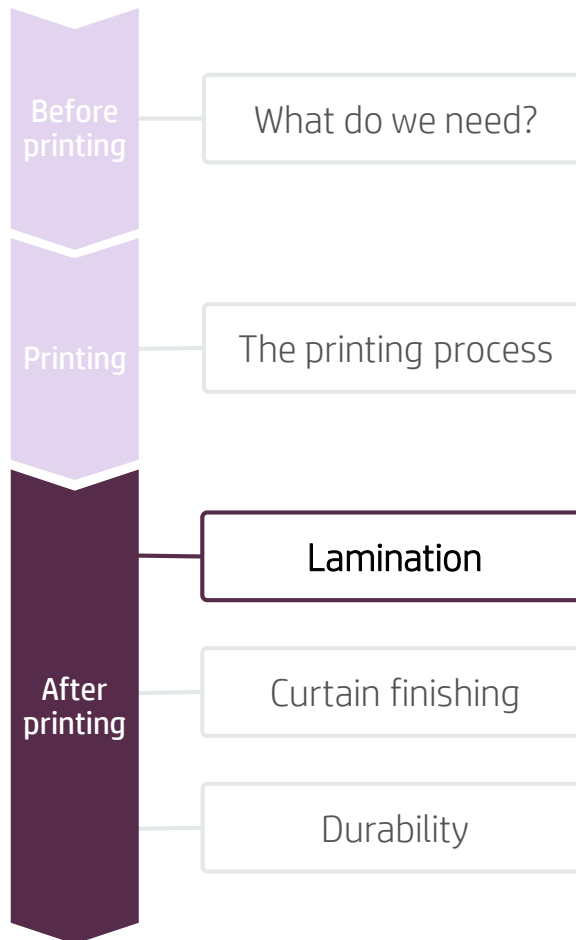
Sieve the mixture through a filter gauze to remove any dirt or lumps.





# How to print truck curtains

## Lamination



# 5

### Apply the mixture

Apply 1 kg of mixture per 10 m<sup>2</sup>.  
There are two different methods  
of application:



### Manually with a roller



### Spray



### NOTES:

- The varnish can be applied immediately after printing.
- Follow Printcolor recommendations for diluting the mixture.<sup>(1)</sup>



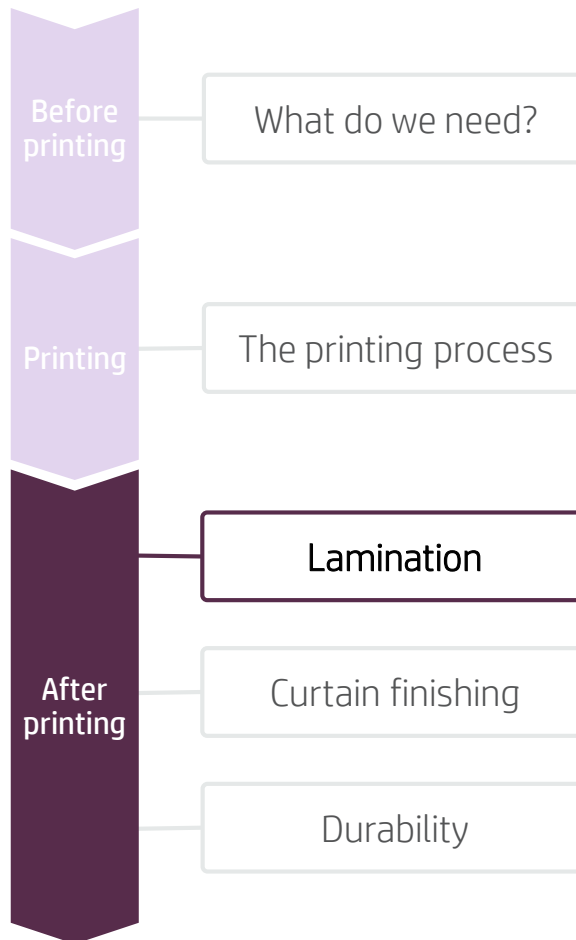
### TIPS:

- Rollers must be cleaned after use in order to be used in future applications.
- Use a spray nozzle diameter > 1.5 mm

<sup>(1)</sup> <https://www.printcolor.ch/en/technical-data-sheets.html>  
<https://www.printcolor.ch/stream/de/download---0--0--0--692.pdf>

# How to print truck curtains

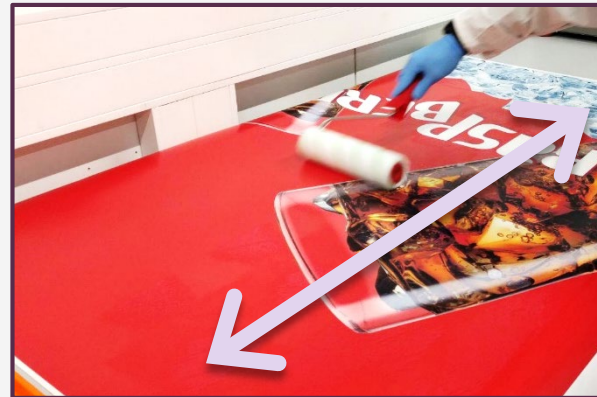
## Lamination



# 5.1

Apply the mixture with a roller

Application of the mixture will be more uniform if the varnish is applied in different directions.



**NOTE:** Some bubbles can appear on the surface after rolling, although they will disappear during the drying process.



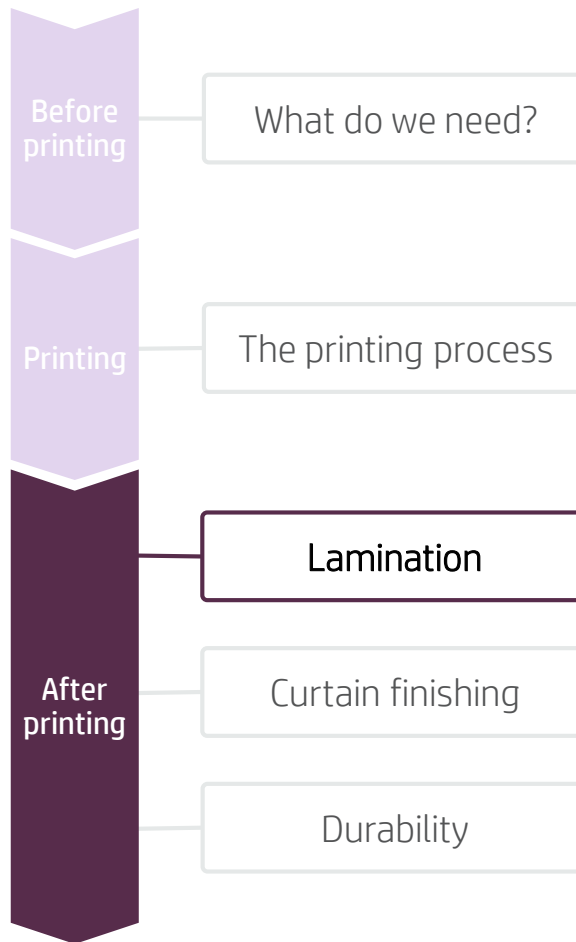
Bubbles will disappear as the varnish dries





# How to print truck curtains

## Lamination



# 6

## Dry

The varnished banner must remain unrolled and be dried at room temperature (20°C) for 48 hours to avoid varnish transfer problems.

The drying process can be done with the banner:

- Hanging from the ceiling
- Lying on the floor



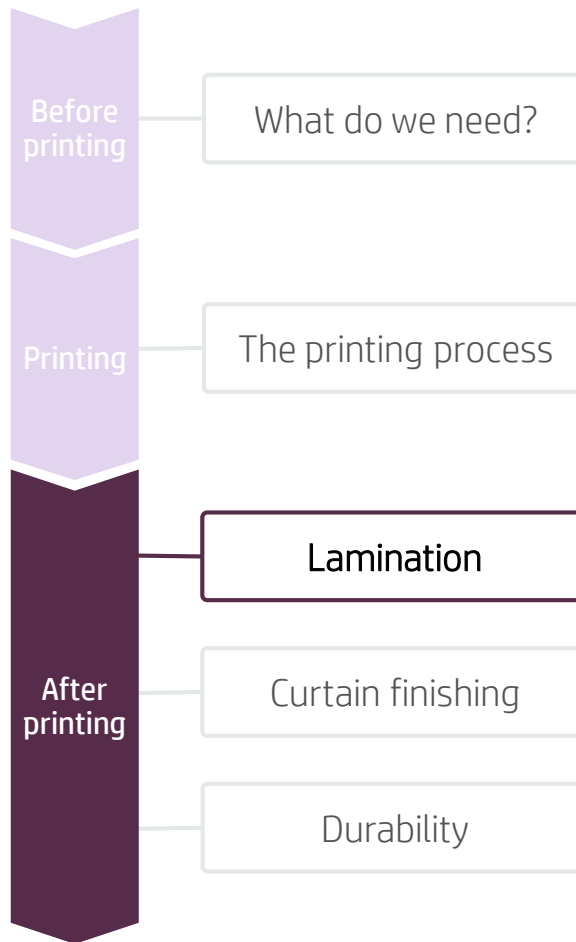
**NOTE:** Faster drying, due to hot air or low humidity, can lead to the appearance of bubbles. A humidity level of 50% RH is recommended.



**TIP:** If required, follow Printcolor recommendations regarding the addition of a retarder.

# How to print truck curtains

## Lamination



7

### Cure

The banner must be cured (rolled or unrolled) at room temperature (20°C) for 1 week until the varnished substrates are fully resistant.

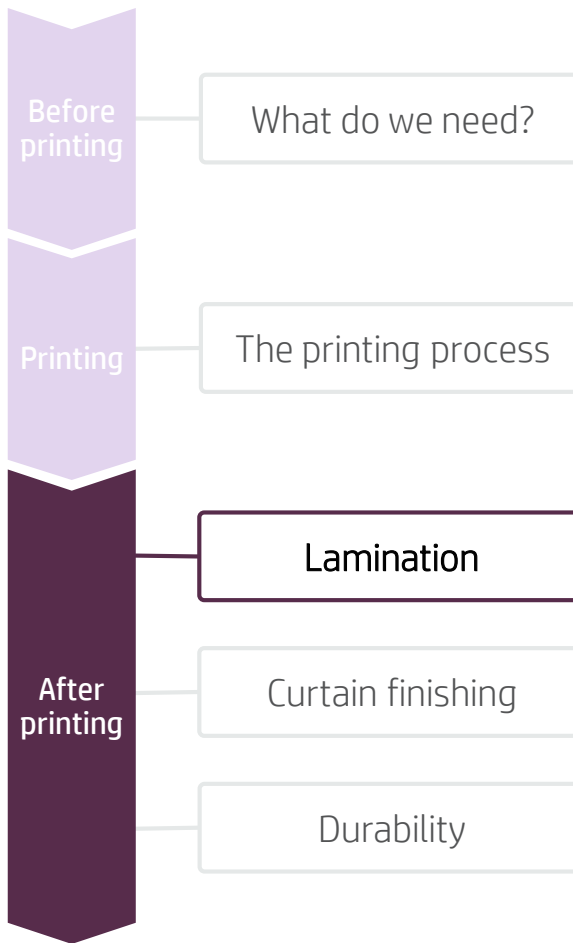
8

### Ready to install



# How to print truck curtains

## Lamination

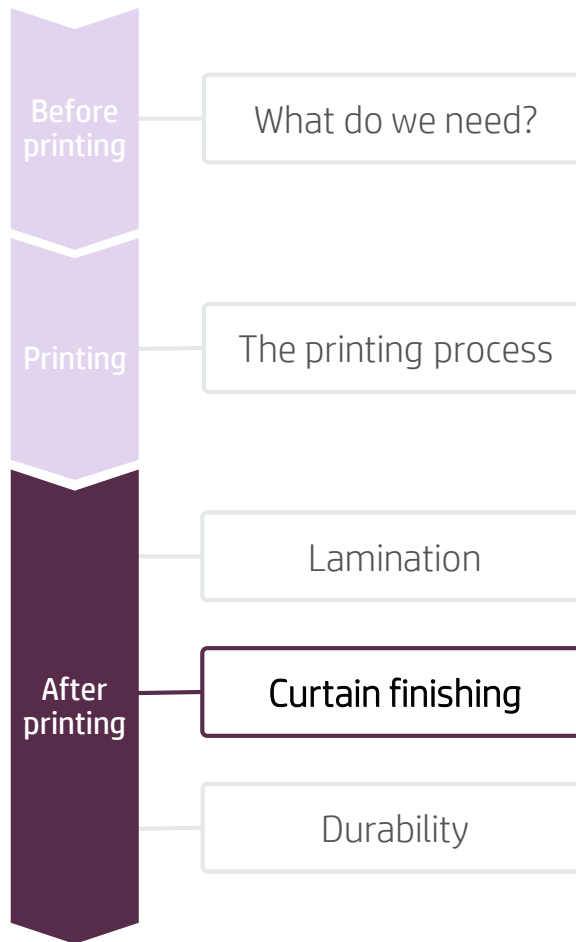


## Lamination process overview



# How to print truck curtains

## Substrate preparation



1

### Cut

The length of the PVC banner rolls may cover two trucks (30-60 m).



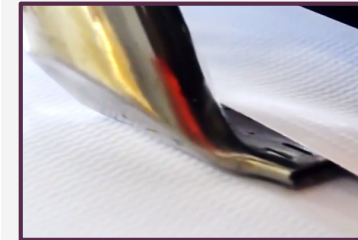
2

### Weld

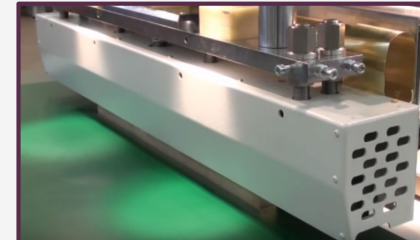
Truck curtains can be created by joining two banners, or by folding a single banner over itself, and welding the overlapping parts.

The most common welding techniques:

#### Hot air welding



#### High-frequency welding



3

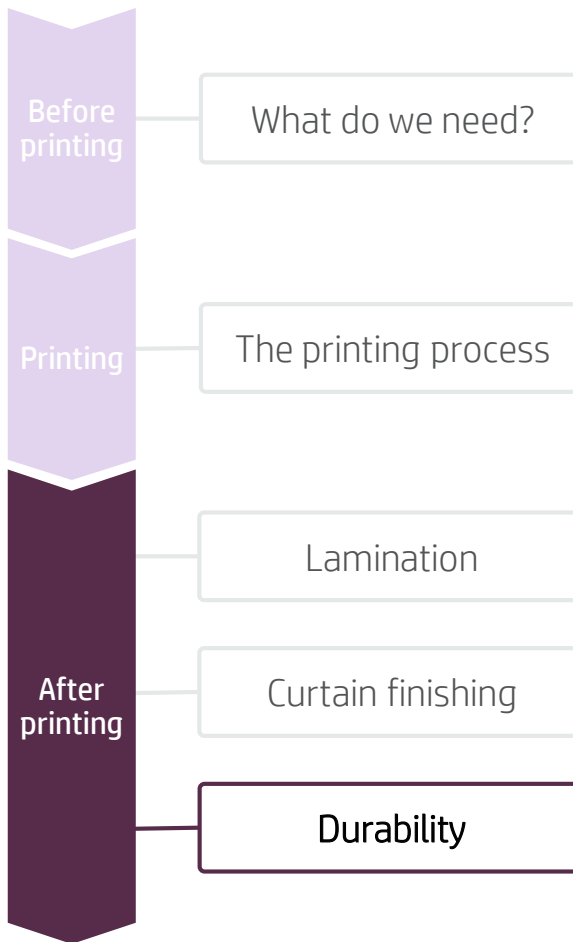
### Eyelets

Include eyelets and any other components required.



# How to print truck curtains

## Substrate preparation



## Technical requirements

Printcolor Easy Protect 2.0 Varnish offers long-lasting protection against UV radiation and weathering **for up to 5 years** if properly prepared and applied.<sup>(1)</sup>

UV Fade Resistance	Folding		Ink adhesion
ISO 4892-3	DIN 53359 form A (20 °C)	DIN EN 1876-1 (-30 °C)	ISO 2409

<sup>(1)</sup>Lightfastness is tested according to ISO 4892-3 on Heytex Truck banners H5551-0290 vectaplan panama and H5560-0292 vectaplan 9/9 print by a external laboratory.



## How to print truck curtains



Learn more at:

[hplatexknowledgecenter.com](https://hplatexknowledgecenter.com)

Partnership:

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The logo for HEYtex, featuring the word 'HEYtex' in a bold, sans-serif font. To the right of the text is a graphic consisting of three parallel diagonal lines in blue, green, and orange.

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high performance inks

The logo for printcolor, featuring the word 'printcolor' in a bold, sans-serif font. To the right of the text is a red circular graphic containing a white stylized 'C'. Below the main text is the tagline 'high performance inks' in a smaller, lowercase sans-serif font.



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