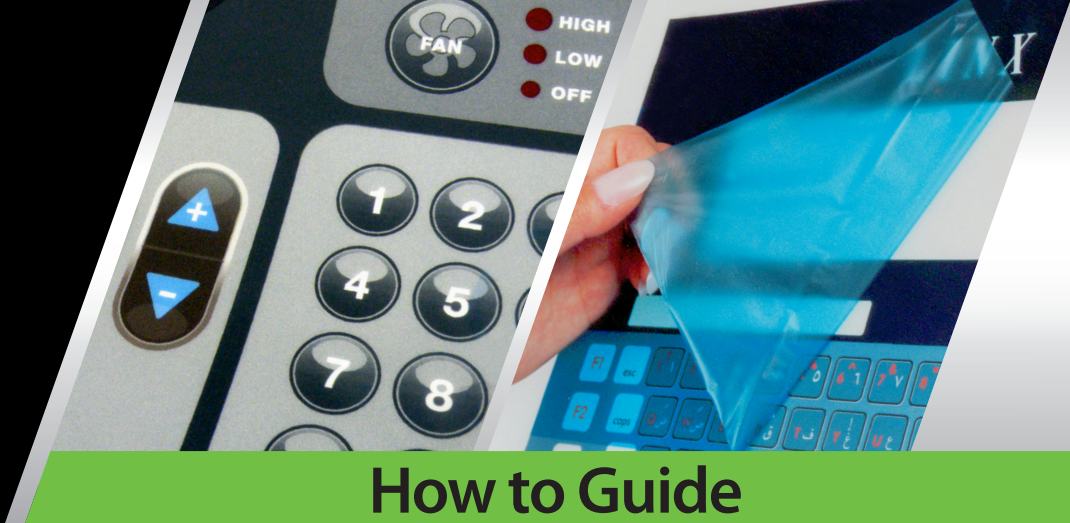


First Surface Printing

Choosing the right products



How to Guide

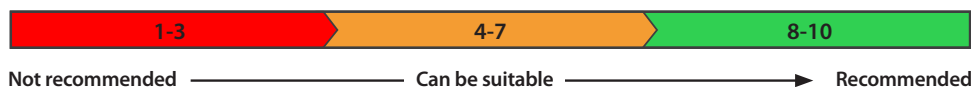
This simple How to Guide has been developed to help you select the most appropriate screen making products to help you optimise your first surface screen printing process.

- Screens that are quick and easy to use
- Good print reproduction and minimal static generation
- Stencils that have no surface tack and have good durability - zero colour bleed
- Stencils that are easy to de-coat or suitable for archiving for repeat jobs

Recommendations:

We have specifically formulated a range of screen making products to work harmoniously with our industrial range of first surface printable lacquers, Fototex, Windotex and Print and Peel. The colour coded tables below will help guide you to select the most appropriate products for each screen making stage.

KEY TO COLOUR CODING



Which Degreaser?

	Universal Mesh Prep	Auto Degreaser Concentrate 1:10	Auto Degreaser Concentrate 1:25
Format	Ready-to-use	Dilute with 10 parts water	Dilute with 25 parts water
Degreaser	Yes	Yes	Yes
Wetting agent	Yes	No	No
Hazard label	Label free	Warning	Warning

A well degreased screen is critical for long print runs. A few minutes spent preparing the screen will dramatically improve the durability of that screen and prevent costly remakes.

Which Stencil?

		Emulsion		Capillary Film	
		PLUS 1-SR	PLUS 7000	Capillex 25	Capillex 35
Compatibility	Fototex	6	6	6	9
	Fototex 3D	6	6	8	8
	Print and Peel	1	8	1	1
	Windotex	8	7	9	9
Emulsion colour		Blue	Blue	Purple	Blue
Chemistry		Photopolymer	Dual Cure	Diazo	Dual Cure
Solids		Medium 32%	Medium 35%	Film	Film
Mesh range		43-120/cm	43-120/cm	90-120/cm	62-100/cm
Exposure		Fast	Medium	Medium	Medium
Decoating		Easy	Medium	Easy	Easy
Hazard label		Warning	Warning	Label free	Warning

The stencil is the heart of the process and a good quality stencil can literally make the difference between a profit and a loss. Select the best stencil for your application based on the inks you are using and the type of printing you do.

Which Solvent?

		Screen Opener	Press Wash			Water Washable Solvent	
		Autosolve Press Wash AF	Autosolve Press Wash AF40	Autosolve Press Wash AF55	Autosolve Aqua 2	Autosolve Industrial AF	
Compatibility	Fototex	10	10	10	1	10	
	Fototex 3D	10	10	10	1	10	
	Print and Peel	1	1	1	10	1	
	Windotex	10	10	10	1	10	
Water dilutable		No	No	No	1:5	No	
Evaporation (BuAC=100)		5	25	1	<1	1	
Odour		Low	Low	Low	Low	Low	
VOC		870g/litre	940g/litre	320g/litre	25g/litre	870g/litre	
Flash point		32°C	44°C	57°C	>100°C	67°C	
Biodegradable		Yes	Yes	Yes	Yes	Yes	
Hazard label		Flammable	Flammable	Flammable	Label free	Warning	

Which Stencil Stripper?

	Autostrip Powder	Autostrip Gel	Autostrip Concentrate 1:20
Format	Powder	Gel	Liquid
Processing	Mix 100g with 5L water	Ready-to-use	Dilute with 20 parts water
Stencils	PLUS and Capillex	PLUS and Capillex	PLUS and Capillex
Hazard label	Oxidiser	Label free	Corrosive

Remove **Capillex** films and **PLUS** emulsion stencils quickly and easily with one of our **Autostrip** products. Choose from a powder, gel or concentrate to meet your needs.

Which Haze Remover?

		Autokleen Plus	Quick Clean	Autohaze
Format		Used with Autosolve	Ready-to-use liquid	Ready-to-use paste
Type of Stains	Ink stains	9	8	10
	Stencil stains	8	4	10
	Diazo stains	8	4	10
Application		Overnight	Immediate	Immediate
Hazard label		Corrosive	Danger	Highly corrosive

A good haze remover is an essential tool for reusing screens many times and there are not many stains that cannot be removed with one of the **Autotype Haze Removers**.

Our range of first surface finishing lacquers

Texturing lacquers	Fototex and Fototex 3D
Window lacquers	Windotex Gloss and Antiglare
Printable lacquers	Print and Peel

Contact us today and see for yourself how our range of products can help you.

Call: Europe: +44 (0)1235 771111

US: 800 323 0632(Toll Free)

Asia: +65 (0)689 79670

Email: salesupport@macdermidautotype.com

Local Distributor: www.macdermidautotype.com



The information and recommendations contained in the Company's literature or elsewhere are based on knowledge at the time of printing and are believed to be accurate. Whilst such details are printed in good faith they are intended to be a guide only and shall not bind the Company. Due to constant development, customers are urged to obtain up-to-date technical information from representatives of the Company and not to rely exclusively on printed material. Customers are reminded of the importance of obtaining and complying with the instructions for the handling and use of chemicals and materials supplied as the Company cannot accept responsibility for any loss or injury caused through non-compliance.

Autotype®, Autotex®, Autoflex®, Autostat™, Windotex™, Fototex™ and Capillex® are registered trademarks of MacDermid Autotype Ltd
©2015 MacDermid Autotype Ltd

MacDermid
Autotype
A Platform Specialty Products company