



HYPERCLEAN

BY SMT EXPRESS

STENCIL WIPER ROLLS

The innovative Hyperclean® PX3800 SMT stencil wiper roll gives you a unique combination of zero lint, ESD safe and high performance cleaning.

The cleaning process is more efficient meaning your entire surface mount process is more effective. Ultimately this leads to benefits of increased yield and decreased costs.

Hyperclean® has been designed using advanced materials and manufacturing technologies to

provide high performance cleaning to meet the challenges of further reductions in aperture size and finer pitch.

Hyperclean® PX3800 is the obvious choice for the quality, environmental and cost conscious electronic manufacturers.

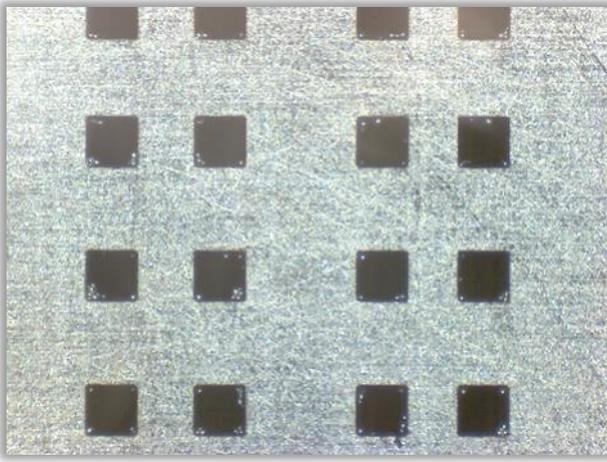
Hyperclean® is available for all brands of SMT screen printers and can be customized for maximum efficiency.



The 3D structure embeds the solder paste particles in the fabric and safely transports them away from the stencil.

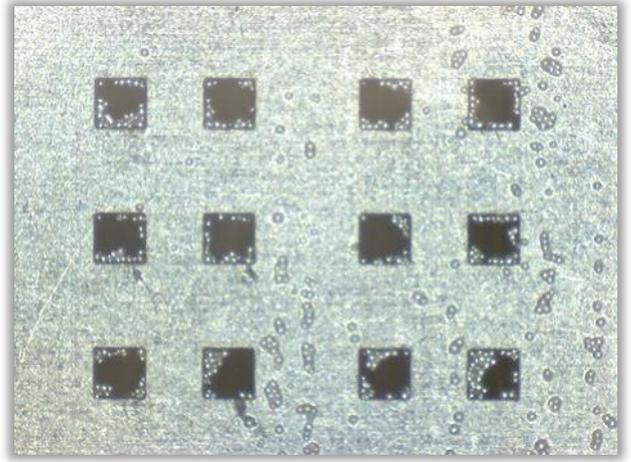
- ◆ Zero lint design - less solder defects
- ◆ ESD safe - dissipative fabric and core
- ◆ Superior cleaning - engineered for SMT cleaning
- ◆ Low solvent consumption - or even use dry
- ◆ Easy handling - reduced time to change rolls
- ◆ Recyclable as plastic - environmental friendly
- ◆ RoHS compatible
- ◆ Developed and manufactured in EU
- ◆ Available for all SMT stencil printers

Hyperclean cleaning result



Apertures are clean and there is no smearing of solder paste on the stencil.

Rayon - polyester cleaning result



Apertures are clogged and solder paste is smeared out on the stencil.

Technical data Hyperclean PX3800

Material	100% Polyolefin fibre and core	No cellulose, cotton or rayon
Fabric weight	40 g/m ²	EN 12127:2000
Thickness	430 µm	EN ISO 9073-2:2002
Fabric surface resistivity	< 10 ¹¹ Ohm (dissipative)	IEC61340-5-1
Air permeability	> 1700 l/m ² /s	EN ISO 9237:1998
Absorption (DI water)	180 g/m ²	EN ISO 9073-6:2005
Tensile strength at break, MD	102N @ 32% elongation	EN 2903-3:1994
Tensile strength at break, TD	22N @ 50% elongation	EN 2903-3:1994
Core surface resistivity	< 10 ¹⁰ Ohm (dissipative)	IEC61340-5-1
Fabric fixation to core	Full length re-usable sticky adhesive	No release liner, no waste
Product marking	Each roll marked with batch identification and part number in plain text and EAN barcode	
Packaging	Individually packed in dissipative PE bag	
Manufacturing	Hyperclean and all its components are manufactured in EU	

Storage

Store under normal conditions of 10° to 30° C and 20 to 70% R.H. in the initial packaging, away from sunlight. Shelf life is 60 months from manufacturing date.

Legal disclaimer

SMT Express believes that the information in this technical data sheet is an accurate description of the typical uses and data of the product. SMT Express, however, disclaims any liability for incidental or consequential damages, which may result from the use of the product that are beyond its control. Therefore, it is the user's responsibility to thoroughly test the product in their particular application to determine its performance, usefulness and safety. Nothing contained herein is to be considered as permission or a recommendation to infringe any patent or any other intellectual property right.