

ZelFlex Protect

Reusable Stencil Frames

ZelFlex Protect is a high-quality reusable stencil frame system that saves time and money. Frameless stencils can be mounted directly into the frame system without the need of glue or mesh. Uniform tension is applied through a unique air bladder system that provides continuous tension in all four directions without the need of having a permanent air connection.

Traditional framed stencils have many disadvantages. The mesh relaxes and the tension changes; each stencil is mounted at a different angle to the frame; the frame takes up a significant amount of storage space. Old style frames use epoxy and must be recycled. The ZelFlex Protect Reusable Stencil Frame system is cost effective and environmentally friendly alternative to traditional glued stencil frames.



Benefits

- Stencil edges are safely covered
- Greater protection of stencils
- Very easy handling
- Greater protection of the operator
- Uniform and lasting tension of stencils
- Simplified washing and storage of stencils

Saving Storage Space

If not in use the stencil foil can be stored as a flat sheet, requiring much less storage space than a framed stencil. The ZelFlex edge protection can stay on the stencil to allow safe handling and quick changeover. Changing a stencil takes only 30 seconds or less.

Save Cost on Every Single Stencil

ZelFlex Protect users are able to buy frameless stencils, saving up to 30% compared to glued stencils. The foil mounting pattern is provided as a Gerber file with the frame and can be reproduced entirely royalty free.



Optional Roller for DEK 248/249

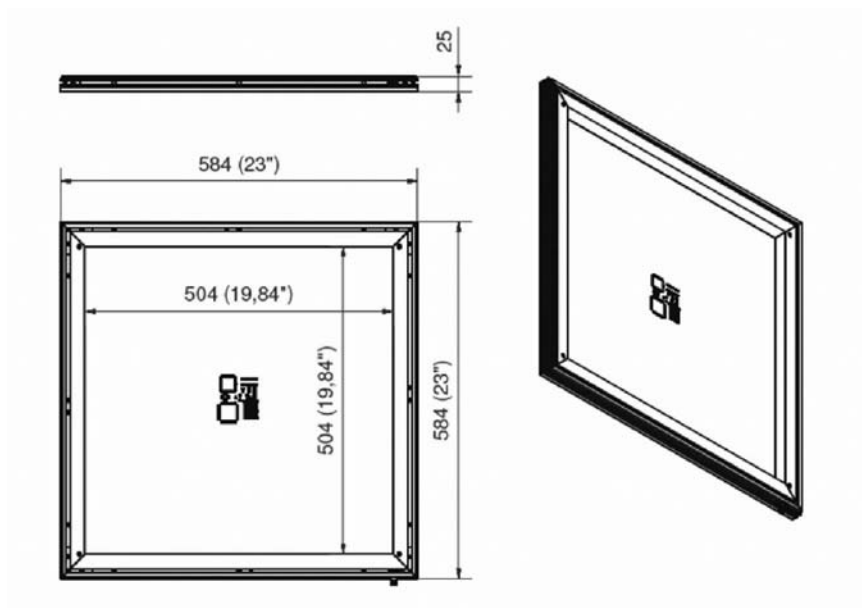


Mounting protect frame on stencil

Fits Most Stencil Printers

ZelFlex Protect comes in industry standard form factors and is compatible with virtually any stencil printer in the industry. The frame system has an outer dimension of 23" x 23" and a total thickness of only 1". Options available include a 29" x 29" adapter or rollers that may be required by some DEK printers.

SPECIFICATIONS	
Outer dimension	584 x 584 mm (23" x 23")
Inner dimension	504 x 504 mm (19.8" x 19.8")
Max print area	464 x 464 mm (18.3" x 18.3")
Max squeegee width	480 mm (18.9")
Foil dimension	576 x 576 mm (22.7" x 22.7")
M6 thread	558.6 x 558.6 mm (22" x 22")



Supported Printers

- AUTOTRONIK-SMT BS1300
- AUTOTRONIK-SMT BS1400
- DEK 248/249*
- DEK 260
- DEK 288
- DEK Galaxy
- DEK Horizon
- DEK Horizon 01i
- DEK Horizon 02i
- DEK Horizon 03i
- EKRA E4
- EKRA EKRAmat 40
- EKRA EKRAmat 45
- EKRA X1 (-S)
- EKRA X1-SL
- EKRA X3
- EKRA X4
- KRA X5
- EKRA X6
- ESSEMTEC SP100
- ESSEMTEC SP100-V
- ESSEMTEC SP200-AV
- ESSEMTEC SP200V
- KISTech KT300
- KISTech KT400
- MILARA SemiTouch
- MPM Accela
- MPM UP100
- PBT MOTOPRINT-AVL
- PBT MOTOPRINT-AVS
- PBT UNIPRINT-P*
- SIGMAPRINT BENCHMARK (90)
- SIGMAPRINT MICROFLEX
- SPEEDPRINT SP200AVI
- SPEEDPRINT SP200e
- SPEEDPRINT SP880AVI
- SPEEDPRINT SPRINTavi29

*Mounting rollers for DEK 248/249 optionally available