

spgprints®



## Camouflage printing

Even coverage and perfect fitting.

ST135



### The challenges of blotch printing

Camouflage printing of military designs is challenging for printing companies. It requires high demands in terms of coverage and fitting. Today's designs are also including raster separations and small dots. Often the designs must be printed in long runs, asking for a high wear resistance and blockage free running of the rotary screens.

For technical and functional reasons, the paste often must penetrate the fabric. Apart from that the surface needs to be homogeneously covered by printing paste, generating an even shade of the printed blotches. All this must be done with the minimum of overlap between the single separations, so to avoid "ugly" colours.

Using screens with regular specifications as common in textile printing will not give the best possible printing result. Screens used for fashion or home-textile printing have a comparably lower open area, not perfectly matching the requirements mentioned above.

### The solution

SPGPrints has developed the perfect screens to print camouflage designs. The new Special Textile Screen ST135 comes with a superior wall thickness of 150 microns making sure, that the screen allows long printing runs without risks of wrinkling. The high open area of 28% allows low printing pressure and an easy transfer of the printing paste to the fabric with the adequate penetration and without blockage of the screen holes.

### Specifications

The Special Textile Screen ST135 allows also fine raster printing. The wide hole diameter allows enough paste transfer even for this technique. Finally, the new screen is packed as single screen, keeping its round shape from the production process throughout shipping. Hence the printer can benefit from a perfectly round shape, enjoying the maximum contribution to fitting of his designs..



#### ST 135

##### Technical specifications

Standard packaging unit: 1  
Repeat: 64  
Mesh: 135  
Thickness (µm): 150  
Open area (%): 30  
Hole size (µm): 103

##### Benefits

- Huge add-on in combination with high mesh
- Superior wall thickness for long run
- Perfect fitting avoiding overlap
- Packed as single screen
- Good raster settings available

### Global network assuring the highest levels of support

Thanks to our global presence, we understand local market needs and leverage our strengths through an international network of global manufacturing facilities and a distribution foothold in more than 100 countries. We set industry standards in technology, product performance and service.

For further (contact) information, please visit [www.spgprints.com](http://www.spgprints.com)

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