

# - Screenprinting -

PLASTISOL//WATERBASE//DISCHARGE//SPECIALTIES

## CREATE A BETTER BRAND, CREATE A BETTER SHIRT!

SCREEN PRINTING IS A PRINTING TECHNIQUE THAT USES A WOVEN MESH TO SUPPORT AN INK-BLOCKING STENCIL TO RECEIVE A DESIRED IMAGE. THE ATTACHED STENCIL FORMS OPEN AREAS OF MESH THAT TRANSFER INK OR OTHER PRINTABLE MATERIALS WHICH CAN BE PRESSED THROUGH THE MESH AS A SHARP-EDGED IMAGE ONTO A SUBSTRATE. A FILL BLADE OR SQUEEGEE IS MOVED ACROSS THE SCREEN STENCIL, FORCING OR PUMPING INK THROUGH THE MESH OPENINGS TO WET THE SUBSTRATE DURING THE SQUEEGEE STROKE. BASICALLY, IT IS THE PROCESS OF USING A MESH-BASED STENCIL TO APPLY INK ONTO A SUBSTRATE, WHETHER IT BE T-SHIRTS, POSTERS, STICKERS, VINYL, WOOD, OR OTHER MATERIAL.

### FEATURES

Screenprinting offers a variety of unique features that separate it from other printing methods. The ability to color match according to the Pantone Matching System is something that can't be done with digital printing. In addition, the capability to create large prints on different surface is what sets screenprinting apart.

The most traditional surface to print on for screenprinting is garments, but its capabilities extend to those of cardboard, metal, plastic, vinyl and many others.

Screenprinting's low cost and wide range of print surfaces is what makes screenprinting so popular.

### BENEFITS

One of the benefits of screenprinting is the capability to reach a high level of color vibrancy and ink thickness on darker surfaces through the viscosity of the inks.

Another benefit of screenprinting is the ability to mix additives to the inks that can create special effects such as; raised puff effect, leather feel, glitter look, matte colors and many more options.

With a numerous amount of artwork and printing techniques, screen printing offers many benefits that other imprint methods don't have.

Due to its flexibility; screenprinting has a faster turnaround time than other imprint methods.

### APPLICATION

Screenprinting offers a wide range of versatility, in the sense that it can be used with numerous substrates. The inks can be combined with additives to soften the ink for a smoother hand feel, cure inks at a lower temperature for delicate fabrics and provide specialty effects to the print itself.

Most printing methods are constrained by the capability of the equipment itself; screenprinting gives one the flexibility to operate on a larger format without having to switch print methods.

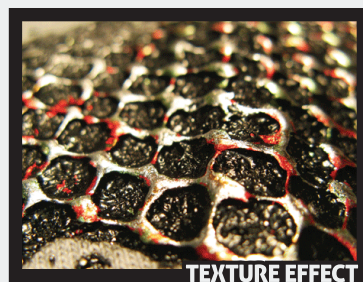
The various substrates that screenprinting allows is what keeps this method in high demand.



**PUFF EFFECT**



**FOIL EFFECT**



**TEXTURE EFFECT**



**SUEDE EFFECT**