

THE SCREEN PRINTING PROCESS

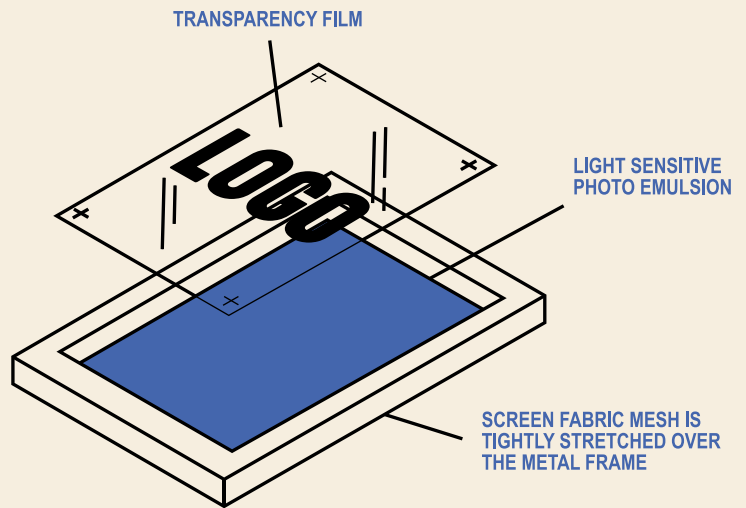
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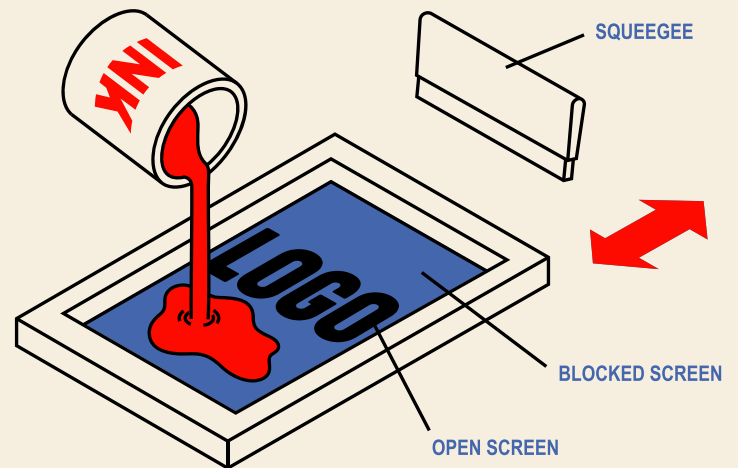
- 1 THE TRANSPARENCY FILM WITH THE PRINTED DESIGN IS VACUUM SEALED AGAINST THE MESH SCREEN AND EXPOSED TO LIGHT IN A HIGH LUMENS EXPOSURE UNIT.

THE LIGHT-EXPOSED AREAS HARDEN WHILE THE PROTECTED AREAS (BLACK DESIGN PART) REMAIN SOFT AND ARE WASHED OUT.



- 2 INK IS Poured ON THE SCREEN AND DRAGGED ACROSS THE DESIGN WITH A SQUEEGEE.

THE BLACK AREA IS THE NON-EXPOSED EMULSION THAT WAS WASHED OUT IN THE PREVIOUS STEP, LEAVING THE SCREEN CLEAR AND OPEN FOR INK TO PASS THROUGH ONTO THE GARMENT.



THE BLUE PART IS THE LIGHT SENSITIVE PHOTO EMULSION WHERE INK CANNOT PASS THROUGH.

- 3 THE ORIGINAL DESIGN FROM THE TRANSPARENCY FILM IS NOW TRANSFERRED TO THE GARMENT WITH INK.

