

Screen Printing Technology (Screen Printing Frames, Screen Printing Press, Surfaces Printing, Printing Process, Tabulation)

Description:

Screen printing is a printing technique whereby a mesh is used to transfer ink onto a substrate, except in areas made impermeable to the ink by a blocking stencil. Screen printing is also a stencil method of print making in which a design is imposed on a screen of polyester or other fine mesh, with blank areas coated with an impermeable substance. Ink is forced into the mesh openings by the fill blade or squeegee and by wetting the substrate, transferred onto the printing surface during the squeegee stroke. As the screen rebounds away from the substrate the ink remains on the substrate. It is also known as silk-screen, screen, serigraphy, and serigraph printing. One color is printed at a time, so several screens can be used to produce a multi coloured image or design.

Screen printing is arguably the most versatile of all printing processes. It can be used to print on a wide variety of substrates, including paper, paperboard, plastics, glass, metals, fabrics, and many other materials. Including paper, plastics, glass, metals, nylon and cotton. Some common products from the screen printing industry include posters, labels, decals, signage, and all types of textiles and electronic circuit boards. The advantage of screen printing over other print processes is that the press can print on substrates of any shape, thickness and size.

Screen-printing is a fantastic technology that is used by many industries with so many old, new and not yet discovered applications – both flat (plastics, cloth, metal, thin to thick papers, sunpack/sunboard, rubber, leather, wood, glass, foot wears, PCBs, ceramics, etc) and non-flat substrates, by using appropriate machinery and inks.

For more details download PDF file.

Keywords: Process technology book on screen printing, Screen Printing Technology book, Aluminum Frames: Screen Printing, Aluminum Screen Printing Frames, best screen printing small business, best small and cottage scale industries, Business Plan for a Startup Business, Business start-up, Great Opportunity for Startup, How does printing work?, how to do screen printing, how to screen print on paper, How To Screen Print -Step by Step process, how to screen print t shirts, How to screen print your own t-shir

Created At: 08 Nov, 2017