



# Smart-Fab® Frequently Asked Questions

## Get to know Smart-Fab

### What is Smart-Fab and what's it made of?

Smart-Fab is a disposable fabric substitute, which receives the characteristics of regular woven cloth during the unique non-woven fabric manufacturing process. Smart-Fab is made of recyclable polypropylene.

### What can I do with Smart-Fab?

Smart-Fab is great for design, arts and crafts and decorating. If you can do it with normal cloth, you can do it with Smart-Fab – wall coverings and decorations, bulletin board backgrounds, tablecloths, drapes, room decor, signs and banners, stage design, costumes and more. For lots of ideas and examples, visit [www.saxarts.com](http://www.saxarts.com) to view our lesson plans.

### What colors and sizes does Smart-Fab come in?

Smart-Fab rolls come in three roll sizes – 48" X 40', 48" X 120' and 36" X 600'. All sizes are available in a range of 12 vibrant colors. Smart-Fab also comes in 9" x 12" and 12" x 18" cut sheet assortments.

### Do the colors fade?

No! Smart-Fab colors never fade, retaining their original hues even in harsh environmental conditions such as dampness or direct sunlight.

### How much do Smart Fab rolls weigh?

Small Roll 48" X 40' – 1.6 lbs.  
Medium Roll 48" X 120' – 4.75 lbs.  
Large Roll 36" X 600' – 15 lbs.



### How resistant is Smart-Fab to water, moisture and high humidity?

It's very resistant! Smart-Fab repels and is not damaged by liquids, including water.

### Can I stretch, fold and crunch Smart-Fab like regular cloth without ripping it?

Yes, you can. Like regular cloth, you can fold and crunch Smart-Fab to easily create waves, ripples and draping effects. And, it won't rip if you stretch it using a reasonable amount of force.

### Can I use Smart-Fab outside?

Absolutely. Smart-Fab is durable and long-lasting in almost all normal weather conditions. It's resistant to humidity and moisture and exposure to direct sunlight.

### Will Smart-Fab fit standard paper roll racks?

Yes, Smart-Fab fits all standard paper roll holders.

### Is Smart-Fab washable?

Yes, you can wash Smart-Fab, but note that the fabric may wrinkle. After washing or laundering it, you can remove wrinkles by stretching it out for a while.

### How can I reduce wrinkling?

You can reduce wrinkling to the minimum by rolling and folding Smart-Fab carefully. **Do not iron.**



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### Is Smart-Fab fireproof?

Smart-Fab is not fireproof and should be used carefully. However, Smart-Fab is not flammable, and was tested and approved to be compatible with the Fire Flammability Act Standard (16 CFR, part 1610) per the Consumer Product Safety Commission directive. In practical terms, it means that Smart-Fab is safe for usage in the following applications, including in close proximity to children (e.g. in classrooms, for costumes, etc).

### Can Smart-Fab be recycled?

Yes. Smart-Fab can be recycled using PP-Code 5 recycling systems.

### Is Smart-Fab approved for use in contact with food?

Yes. It has been approved by the Food Microbiology laboratory of Milouda Biological Industries Services and tested for Overall Migration in conformity with EU Directives by the Packaging Laboratory of the Technion Israel Institute of Technology Research and Development Foundation.

## Cutting, Punching and Sewing

### Can Smart-Fab be trimmed?

Certainly. It's easy to precisely cut and trim Smart-Fab using regular scissors or cutting knives – and the cut edges won't fray!

Recommended cutting techniques and tools:

- Smart-Fab can be cut with almost any regular cutting device – scissors, edge scissors, handicraft knives, utility knives (box-cutters) and paper cutters/trimmers (guillotines)
- When using paper punches, we recommend placing a sheet of construction paper beneath the Smart-Fab and punching in a single, swift motion
- Depending on the quality of the cutting tool, you can cut 10-15 layers of Smart-Fab simultaneously.
  - While trimming, we recommend keeping the Smart-Fab taut.



### Does Smart-Fab work in die-cutting machines?

Yes, Smart-Fab can be used with most die-cutting machines, cutting up 10-15 layers simultaneously. We recommend placing a sheet construction paper beneath the Smart-Fab.

### Can Small Children (K-2) Easily Cut Smart-Fab?

Yes, children can cut Smart-Fab, but they should use children's safety scissors under appropriate adult supervision.

### Can Smart-Fab be stapled or used with thumbtacks?

Yes. All kinds of staples and staple-guns work with Smart-Fab. And, thumbtacks won't leave holes in it after use.

### Can I sew Smart-Fab?

Yes. Like regular cloth, Smart-Fab can be sewn by hand or with a sewing machine. And, there's one big plus: the edges won't fray.



## Coloring Smart-Fab

### Can I draw or paint on Smart-Fab?

No problem. It's simple and easy to work on Smart-Fab with markers, water colors, oil paint, gouache, acrylic paint, pastels, chalk, crayons and other familiar coloring tools. Allow appropriate drying time for various coloring materials. When using wet or liquid colors we suggest placing a sheet of newsprint beneath the Smart-Fab in order to keep the work surface clean.

### Can Smart Fab be dyed?

Yes, Smart-Fab can be dyed. However, because it's liquid repellent it requires an industrial on-line drying process. If this isn't available to you, we suggest simply using other Smart-Fab colors or color combinations.

### Can Smart-Fab be used for batik?

No, you should not use it with batik or hot wax.

## Gluing, Shaping and Laminating Smart-Fab

### Can I glue Smart-Fab – and with what adhesives?

Of course. Smart-Fab can be glued to itself or to any other material, using all normal adhesives (except for hot glues). Low temp glue guns may be used with caution. Do not touch the metal tip of the glue gun to the Smart-Fab. We especially recommend using fabric adhesives, which feature very quick drying times.

### Can I use Tempera Varnish to glue Smart-Fab?

Yes, but allow for appropriate drying time.

### Can I use Smart-Fab in a laminating machine?

Yes, you can laminate Smart-Fab much in the same way you would laminate regular paper.

### Can Smart-Fab be layered over a plaster form?

Yes.

