

# BlazeMaster in Action




**UNTREATED** **TREATED**




**CASE STUDY:** Frelo Proving Grounds  
**LOCATION:** Hope, Arkansas  
**FABRIC:** Canvas Tent Material

**TREATED**



**CASE STUDY:** Frelo Proving Grounds  
**LOCATION:** Hope, Arkansas  
**FABRIC:** Carpet treated with BlazeMaster  
**RESULTS:** The coin above was heated with a map gas burner to 5000° F. The coin melted but the carpet never combusted or carried a flame. **NOTE:** The coin used was not U.S. currency



**TREATED** **UNTREATED**




**CASE STUDY:** Frelo Proving Grounds  
**LOCATION:** Hope, Arkansas  
**FABRIC:** Synthetic Blanket Material

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Distributed by:

Manufactured by:  
 Frelo Technology, LLC  
 2119 W. Avenue B • Hope, Arkansas 71801  
 870 777 7637 Phone • 870 777 7646 Fax  
 800-764-8806 • www.frelo.com



# Fire Protection for Fabrics... Natural and Synthetics



The **Frelco BlazeMaster N** is designed for natural fibers. Here are a few natural fibers that can be treated with **Frelco BlazeMaster N**:

1. Cotton
2. Wool
3. Linen
4. Hemp
5. Ramie
6. Jute

**Frelco BlazeMaster N** is a water-soluble product specifically formulated for cellulosic-rich materials.

#### The benefits of **Frelco BlazeMaster N**

1. Flame Retardant
2. Excellent durability to laundering.
3. Good Durability to dry cleaning.
4. Neutral pH

It is advisable to confirm that the add-on level is correct using a preliminary small-scale treatment. This should also be done to check the compatibility of the process with other finishes and any possible effect on the fabric color. Application rates will vary according to fiber composition and fabric weight. **Frelco BlazeMaster N** can be applied by several different methods

1. Spray applied
2. Pad applied
3. Rinse cycle in washing machine



The **Frelco BlazeMaster S** is designed for synthetic fibers. Here are a few synthetic fibers that can be treated with **Frelco BlazeMaster S**:

1. Polyester
2. Rayon
3. Flax
4. Nylon
5. Polyethylene fibers

**Frelco BlazeMaster S** is a water-soluble flame retardant that can be applied to a wide range of synthetic and cellulosic fabrics to prevent flame spread and after-glow.

#### The benefits of **Frelco BlazeMaster S**

1. Flame Retardant
2. Excellent durability to laundering
3. Will withstand up to 10 perchloroethylene dry-cleaning cycles.
4. Can be applied to the rinse cycle in your washing machine
5. Neutral pH

**Frelco BlazeMaster S** can be applied to the fabric by padding or spraying then dried. It is advisable to confirm that the add-on level is correct using a preliminary small-scale treatment. This should also be done to check the compatibility of the process with other finishes and any possible effect on the fabric color. Application rates will vary according to fiber composition and fabric weight.



**Frelco BlazeMaster Max** is the ultimate protection for fabrics since all fabrics are not created equal. Here are a few fabrics that can be treated with **Frelco BlazeMaster Max**:

1. Natural Fibers i.e. Cotton
2. Synthetic Fibers i.e. Polyester
3. Microfibers

**Frelco BlazeMaster Max** is a high performance emulsion that offers these benefits:

1. Flame Retardant
2. Oil repellency
3. Water repellency
4. Excellent durability in laundering
5. Good durability in dry cleaning
6. Stain-resistant
7. Winkle-resistant
8. Does not contain Chlorofluorocarbon
9. Neutral pH

**Frelco BlazeMaster Max** can be applied to the fabrics by padding or spraying then dried. It is advisable to confirm that the add-on level is correct using a preliminary small-scale treatment. This should also be done to check the compatibility to the process with other finishes and any possible effect on the fabric color. Application rates will vary according to fiber composition and fabric weight.