

FACT SHEET

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STAGEFAB
CUSTOM MANUFACTURING INC.



Fabrication Service to the Film, Video, Theatre and Event Industries

Flame Resistance

Stagefab provides many of its fabrics and manufacturers many of its drapes using flame retarded fabric. These fabrics meet either the CAN/ULC S-109 or NFPA 701 standards. We recommend that you contact your local fire authority to ensure that the standards meet your local requirements, as they do vary.

As part of our standard construction details on all our drapes we provide a fabric swatch that can be used for testing, this saves the actual drape from being cut up. We will also provide upon request a flame certificate which you can keep on file and present to local fire authorities.

What do the types of Flame Retardant mean?

Always check with the fabric manufacturer to determine what type of Flame Retardant treatment the fabric has, as well as what standard it meets. In general the following usually applies:

CNFR – Can not be Flame Retarded - These fabrics when attempted to be treated have their structural integrity compromised, damaging the fabric and making it unusable for its intended purpose.

NFR – Not Flame Retarded – These types of fabrics are not treated for flame retardancy in any way.

FR – Flame Retarded - A topically, usually water based solution that is applied to the fabric. Once applied and dried, this treatment if wetted in any way could be compromised. Typically FR fabric should not be washed but dry cleaned and checked and retreated if necessary. Drapery treated this way should be checked on a regular basis (every year or two)

DFR – Durability Flame Retarded or

PFR – Permanently Flame Retarded – A treatment that is applied to the fabric at the time of the dyeing and finishing process of manufacturing. This treatment is not water soluble and will withstand a number of cleanings before it needs to be retreated.

IFR – Inherently Flame Retarded – The fabrics are woven from fibers that are permanently flame retardant. A topical finish is often added as well during the fabric dyeing and finishing insuring that the fabric FR properties are further maintained. As a result the flame retardancy will not be compromised if wetted in anyway. This treatment should last the life span of the fabric.

Check your Drapes

Stagefab recommends that you either test or have your drapes tested periodically to ensure that they still meet the required flame resistance standards.