






# PROTECH™

## HIGHLOFT MATTRESS FLAME BARRIERS

-  **Contains no back coatings or FR chemical treatment**
-  **“Drop In” product that will not alter your current mattress manufacturing process**
-  **Assists in the design of National Standard 16 C.F.R. § 1633 compliant mattresses**

Carpenter Co. introduces ProTech™ highloft flame barriers, the most efficient way to provide comfortable open flame protection to the mattress industry - a highloft barrier made with inherently flame-resistant fibers that can replace the polyester fiberfill beneath your current mattress ticking.

ProTech™ highloft flame barriers are a Carpenter Co. innovation made from heat and flame-resistant fibers that do not melt or drip, but char in place. The fine denier gives ProTech™ highloft flame barriers a soft, luxurious touch.

ProTech™ highloft flame barriers set the standard for fiberfill flame barriers and provides the finest solution for open flame mattress protection.

To learn more about ProTech™ highloft flame barriers and how they can be utilized in your mattress products, contact us at 800-288-3834 or visit our website at [www.carpenter.com](http://www.carpenter.com).

**WARNING** ProTech™ highloft flame barrier material is a flame resistant highloft non-woven fiber product. When handled and utilized properly in the construction of mattress sets, ProTech™ can help mattress sets comply with the Standard for the Flammability (Open Flame) of Mattress Sets, 16 C.F.R. §1633.1 et seq (“§1633”). Improper handling and utilization will reduce ProTech’s™ flame resistance and test performance.

When considering the use of ProTech™ highloft flame barrier material as a flame-resistant barrier in mattress sets, please note the following:

- Utilize ProTech™ highloft flame barrier material directly and evenly beneath all outer surfaces to achieve maximum effectiveness of its flame-resistant qualities;
- Do not stretch, tear, puncture or use damaged ProTech™ highloft flame barrier material in any mattress set;
- ProTech™ highloft flame barrier material can only be used in those confirmed prototype mattress sets that have been found to be compliant with §1633 utilizing ProTech™. Flame barriers and/or mattress components are not interchangeable. ProTech™ highloft flame barrier material should not be used in combination with other materials and/or mattress sets without additional performance testing and verification of compliance with §1633;
- Using ProTech™ highloft flame barrier material with untested mattress components and constructions could significantly reduce the effectiveness and flame resistance properties of ProTech™.
- The use of ProTech™ highloft flame barrier material in a given mattress construction does not guarantee compliance with §1633. The mattress manufacturer must independently evaluate, test and properly engineer the total bedding system.

Failure to comply with these instructions will significantly reduce the flame resistance of ProTech™ highloft flame barrier material and could result in death, personal injury, or property damage as well as civil and criminal penalties for noncompliance with federal and state law.