



Duplex (Super Blend)

(88 in. x 1.0 oz./sq. ft. x 50 yds.)

Polyester Fibers has developed a proprietary blend and designed a cushioning material incorporating a natural, safe, intrinsically fire resistant fiber.



Pyro-Shield™ Duplex provides assistance to the bedding manufacturer in passing CA TB603 and the new Federal Flammability Standard 16 CFR 1633 in a properly constructed mattress and box spring.

The proprietary blend is engineered with two individual layers, providing optimum FR performance. Under direct flame the bottom layer, being all inherently FR polyester, recedes leaving an open space impeding thermal transfer. The top layer, placed directly beneath the ticking, is the FR barrier (utilizing Visil® fiber, a registered trademark of Sateri International). This forms a char on the surface releasing gas and steam energy, cooling the product.

