

# HypoAllergenic Futon Mattress Line

***HypoAllergenic:*** Designed to reduce or minimize the possibility of an allergic reaction by containing relatively fewer potentially irritating substances.

Futon mattresses in this line may contain various combinations of foam, fiber, and spring units, as well as a federally required flame retardant barrier.



## FOAM

Most of the models in this line contain polyurethane foam that does not contain flame retardants. The few models which do contain flame retardant foams are noted as such on the 'construction by layer' sheet.

## POLYESTER FIBER BATTING

Polyester for fiber purposes is polyethylene terephthalate, or simply PET. This is also the polymer used for many soft drink bottles and it is becoming increasingly common to recycle them after use by re-melting the PET and extruding it as fiber. This saves valuable petroleum raw materials, reduces energy consumption, and eliminates solid waste sent to landfills.

## FLAME RETARDANT BARRIER

Each futon mattress is wrapped in a flame retardant barrier that is a Viscose Rayon fiber with a silicic acid (silica) /aluminum hydroxide phosphate additive.

- Rayon is a wood pulp processed into a cellulose fiber. It is man-made, but not considered to be synthetic, due to its wood pulp base. It imitates the characteristics of cotton, a natural fiber.
- Silicic acid is an odorless amorphous (non-crystalline) solid powder, and aluminum hydroxide, which although is commonly used as an antacid, is also used as a phosphate binder.

Rayon is highly absorbent, yet dries quickly and resists mold and mildew. It does not insulate body heat, therefore provides a cooler sleep surface.

**Consumers may order a futon mattress without the flame retardant barrier, ONLY if the order is accompanied by a physician's prescription. Special custom pricing applies.**

## 100% POLYESTER SEMI-STRETCH COVER

Polyester is a synthetic fabric made from synthesized polymers. It is made from polyethylene terephthalate (PET). Polyester is very durable and resistant to mold and mildew. Polyester is hydrophobic in nature, meaning it repels water, and is quick drying.

***This line contains fewer flame retardant components and more components which deter growth of mold and mildew, which may be helpful to individuals who have a sensitivity to flame retardants, molds, and mildew. This is not an organic mattress line.***