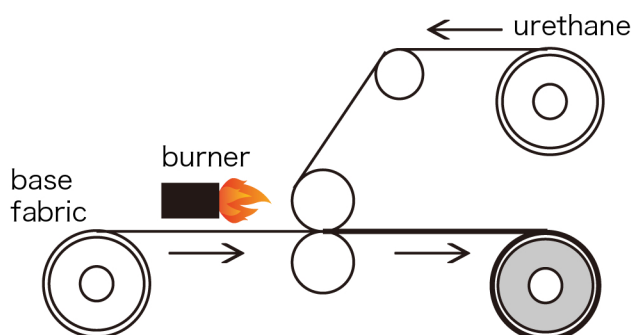




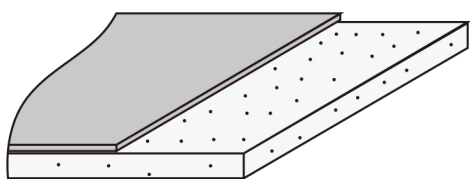
## Flame is fire and lamination



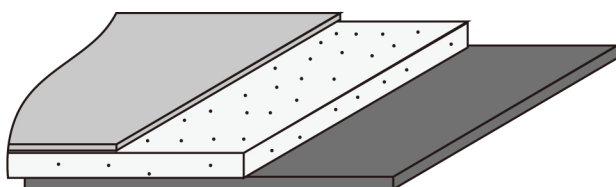
Flame is fire and lamination is the uniting of separate layers into a whole. Flame lamination processing is the method of using flame to laminate. Lamination is accomplished by applying flame to the surface of a soft urethane foam and affixing cloth, film or other base material to the melted section of the foam.

Lamination is accomplished without the use of solvents or welding agents. (VOC-free).

### 2-layer



### 3-layer



By laminating (joining homogenous or heterologous base materials), we can preserve the advantages of the base materials, compensate for the disadvantages and confer new functions or features. The quality of the finished appearance can be improved with volume or three-dimensionality and without sacrificing elasticity or functional aspects such as cushioning or sound absorbency. Using formless processing (utilizing urethane of 1mm in thickness), composites can be created without sacrificing the texture of the original materials.

#### Applications

- bags   • handbags   • clothing   • sundries
- shoes (instep materials, insoles)
- industrial materials   • building materials
- hygiene products   • baby supplies   • others

Compatible with most raw materials – fibers, polyester, nylon, rayon, non-wovens, films and so on. (Not compatible with some water-proofed materials).

Standards	width: ~2000mm	Thickness: 1.5mm ~ 25mm	Processing: 2-layer, 3-layer
Base material: Soft urethane foam → for heat fusion, general purpose, low rebound, flame resistant, semi-rigid, comprehension urethane etc. Polypropylene foam and polyethylene foam.			

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