

Thermal Bonded Nonwovens



A technique for bonding fibers of a web with meltable powders or fibers using hot calendaring. Specially engineered low-melting fibers are blended with other fibers in a web, so that a uniformly bonded structure can be generated at low temperature by fusion of the binder fiber with the adjacent fibers.

Our team meets with you early within your product development phase in order to understand your end use product requirements and critical to function demands. We then go to work to identify the right fibers, the right denier, the right blend, the right density, construction, coatings, tensile strengths and any other number of material design specifications needed to produce the best solution every time and on time. Our ability to manufacture short run textile trials and to rapidly produce product prototypes are just two of the many benefits which we are able to deliver to you, our customer.

Value added processing includes:

- **Coating**
- **Lamination**
- **Heat Setting**
- **Point Bonding**
- **Liquid Impregnation**
- **Singeing**
- **Precision slitting**
- **Adhesives**
- **and more...**

Fiber chemistries include:

- **Nomex***
 - **Kevlar***
 - **Polyester**
 - **Teflon***
 - **Kermel***
 - **PBI**
 - **Nylon**
 - **Rayon**
 - **and more...**
- (* Trade Names)