

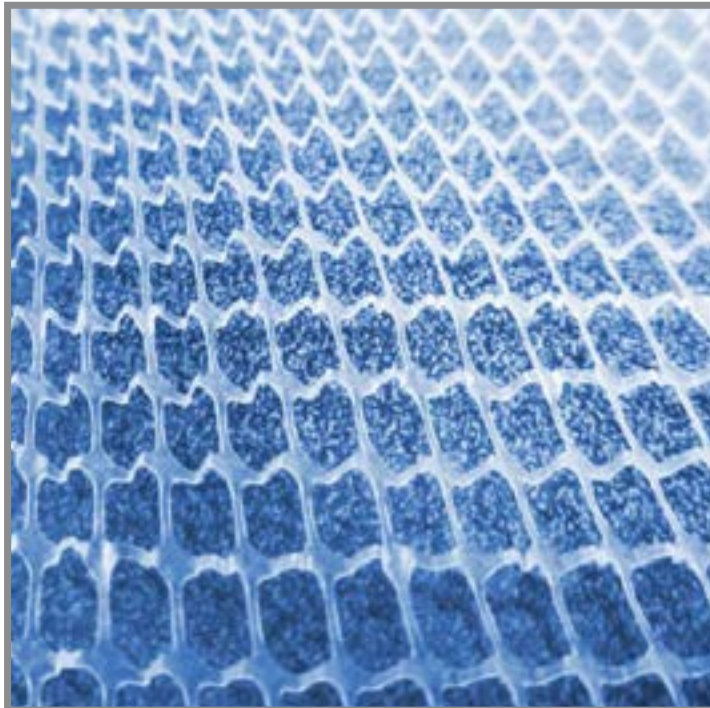
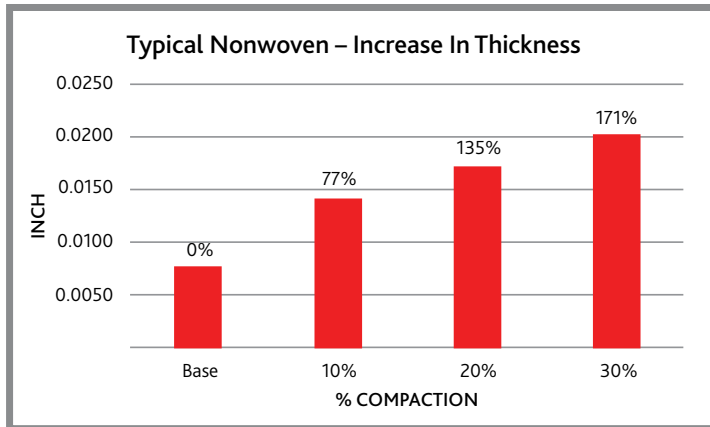
**ALTER**

Nonwovens | Films | Textiles  
Papers | Composites

+ | **MICREX Technology**

**ADD**

Bulk | Absorbency | Conformance | Drape  
Softness | Pre-Shrinking | Aesthetics



## + | BULK

Adding bulk to a substrate increases the material's surface area, which in turn increases its absorbency.

Other benefits:

- Filtration efficiency
- Increased ventilation
- Reduction in thermal conductivity and noise.





## + | ABSORBENCY

More internal volume translates into more absorbency.

Absorbency can mean:

- Speed of absorption
- Absorbent capacity
- Absorbent efficiency

The result: A significant increase in performance, as well as potential cost savings.





## + | CONFORMANCE

Conformance is the ability for a sheet to form or adjust around an object. The MICREX Process allows dialing in a mix of stretch and extensibility to allow a sheet substrate to conform to an irregular shape.





## + | PRE-SHRINKING

Add pre-shrinking to a material to:

- Solve the shrinkage problem when it is exposed to wetness and re-drying.
- Make the material smaller, allowing it to regain its normal size when wet.



# + | MICREX *Translating good ideas into tangible solutions*



## + | DRAPE

The MICREX Process softens a substrate through “working” or “breaking” its web. MICREX converted products are used as innerlinings, medical gowns and bandages, as well as a variety of other applications.





## + | AESTHETICS

In fashion the “crepe look” has long been available for textiles – now these decorative effects can be added to nonwovens and composites with MICREX technology.





## + | SOFTNESS

Adding softness is actually adding a mixture of many different attributes, including drape, hand, and tactile response.

What works best? Make a harsh substrate softer, rather than adding more softness to an already soft material.





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### **Contact us.**

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