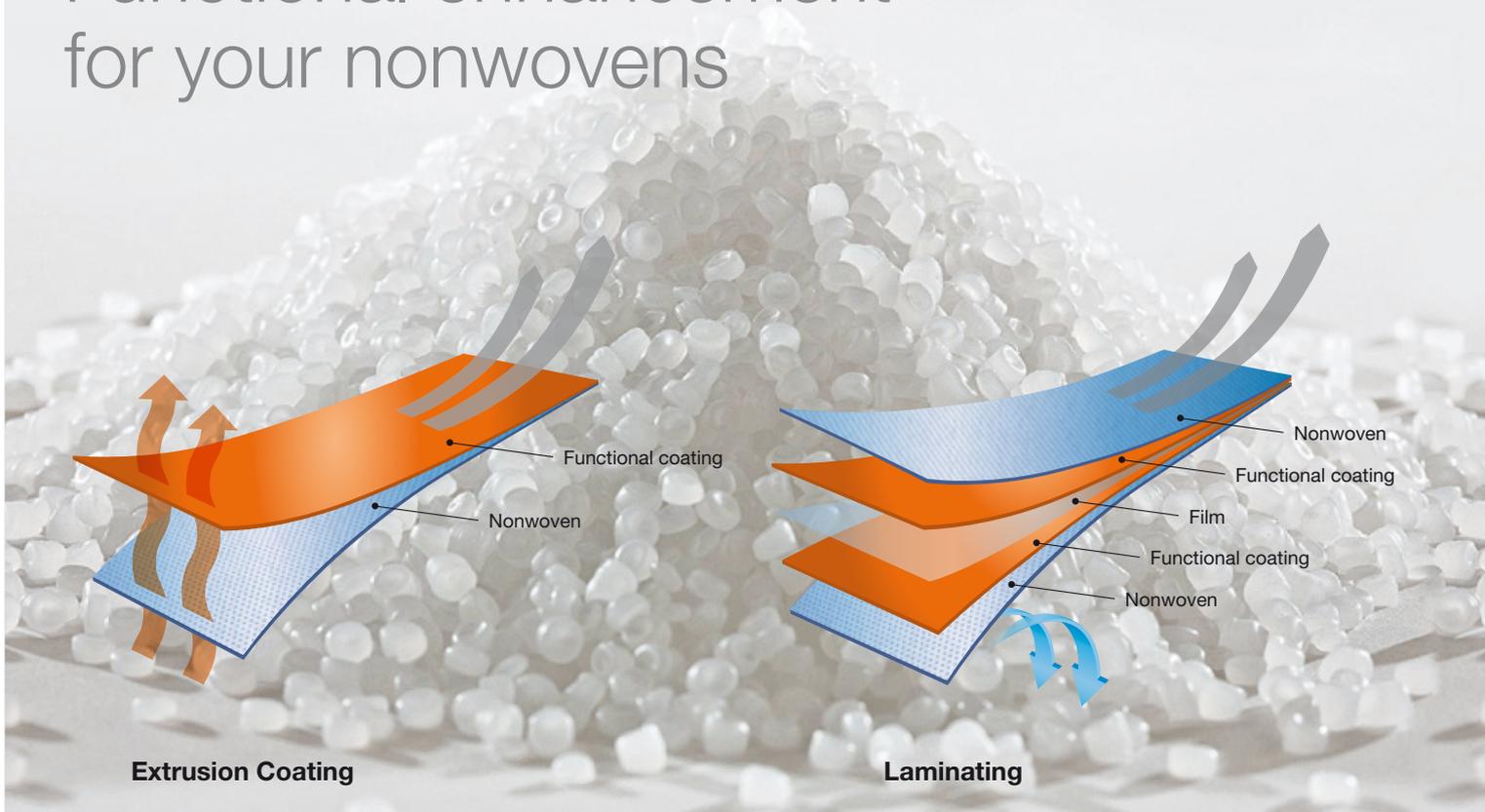


Functional enhancement for your nonwovens



Excellence in extrusion coating and laminating

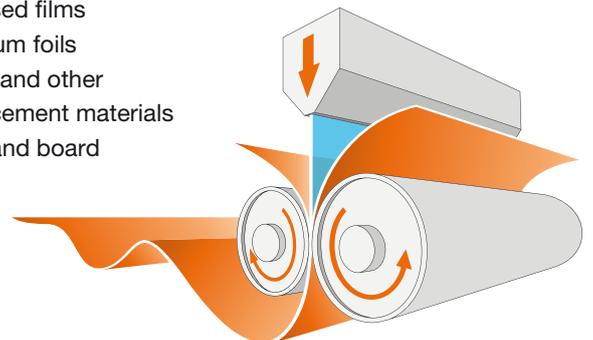
Technology

Extrusion **coating** and **laminating** are industrial processes to produce a melt of thermoplastic polymer material. During the extrusion coating process, this melt is transformed into a functional coating on a carrier substrate, whereas in extrusion laminating the additional gluing properties of the melt are used to produce composite structures incorporating specific thermoplastic characteristics.

Extrusion coating and laminating enable the processing of a broad range of polymers and master batches for creating multi-layer barriers against grease, water, moisture, gas diffusion, light and chemicals. With this production process, additional functionalities such as breathability can be applied to the material up to a maximum width of 3150mm / 125 inches.

A broad range of carrier substrates can be extrusion coated or laminated:

- Various types of wovens and nonwovens
- Films: PE, (O)PP, (O)PET, (O)PA,...
- Metallised films
- Aluminum foils
- Scrims and other reinforcement materials
- Paper and board





Nonwovens are one of the most versatile materials used in numerous products. The broad range of industries where nonwovens are used requires custom-made functions for

specific applications, ranging from breathable medical drapes and gowns to insulation materials. Mondi offers superior multilayer solutions, tailor-made for your high-tech product.

Functional enhancement for your nonwovens

- Fluid resistance
- (Mechanical) strength
- Superior chemical barrier
- Flex-crack resistance
- Breathability
- Anti-curl properties
- Wearability
- Anti-allergic properties
- Light weight
- Custom colours
- Soft touch

Tailor-made solutions for specific applications



Hair removal strips

Coated nonwovens used as a carrier for depilatory strips provide an optimum wax barrier and enhance the softness of the nonwoven for a comfortable user- experience.

Medical drapes and gowns

Coated nonwovens guarantee optimal fluid resistance, offer anti-allergic properties while enhancing flexibility and breathability for increased user comfort.



Protective apparel

Coated nonwovens protect the carrier from various chemical influences, while keeping the fabric light, strong and comfortable to wear.

Mattress covers

Coated nonwovens ensure a soft and profoundly comfortable mattress whilst offering excellent protection against fluids and providing anti-allergic properties.



Examples shown to illustrate versatility of custom-made extrusion coatings for nonwovens. Contact us for an individual solution fit to your requirements.

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