

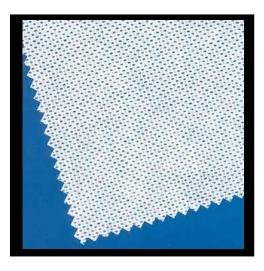


## Manufacturing Excellence

# **Specialty Nonwoven Products**

#### What is a Nonwoven Fabric?

A Nonwoven fabric is a material that is made from long fibers, bonded together mechanically, chemically or thermally. Nonwovens can be engineered to be extremely strong and durable while others can be lightweight intended for single use applications.



## How does Holland process Nonwoven Fabrics?

Holland can extrusion coat nonwoven fabrics with a variety of different types of resin (LDPE, HDPE, PP, etc.) to achieve enhanced *moisture protection* and *varying surface characteristics* including skid resistance, release properties, color, etc. In addition to coating, Holland can also laminate nonwovens to other substrates including paper, film, woven fabric, scrims and foil. As with all Holland products, printing and converting is also available.

Extrusion Coating: Co-Ex up to 103" Wide, 60" Maximum OD

Extrusion Lamination: Up to 103" Wide Printing: One Color – Up to 103" Wide Two Colors – Up to 60" Wide

Converting: Width -5/8" to 103"

**OD:** Max of 60"

# **Common Types of Nonwovens:**

**Wetlaid** – excellent web uniformity, high wet strength and dimensional stability. **Spunlace** – soft, strong and embossable, available in a wide range of physical and tactile properties.

**Spunbond** – excellent strength to tear ratios, as well as good tear resistance and durability.

# **Applications of Poly-Coated Nonwovens:**

Apparel
Automotive
Building Products
Graphic
Medical
Packaging



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