Polyvlies Group

➔ Investment and Growth in North America
History

Company foundation in 1850
Development of the since then owner-managed family business

1850 ➤ Production of yarns
1969 ➤ Introduction of needle-punched nonwoven technology (Polyvlies®)
1971 ➤ Extension to fully-integrated surface generation, finishing and processing of all technical textiles and home textiles
1995 ➤ Process development and implementation of thermally bonded nonwovens (Polytherm®)
1996 ➤ Specialization in the manufacture of natural fiber nonwovens (Naropur, Narodur®, Naroplast®)
2004 ➤ Takeover of a specialist for glass-fiber processing in Saxony and start of the production of own glass-fiber nonwovens (Vitratex®)
2008 ➤ Foundation of a plant in Slovakia for manufacturing and assembling of thermally bonded nonwovens (Polytherm®)
2010 ➤ Expansion of the production capacity in order to produce fine-fiber nonwovens (Polyvlies®)
2012 ➤ Foundation of a site in France by acquisition of a plant for production and finishing of lightweight nonwovens and their specialties (e.g. Skillcoat®)
2012/13 ➤ Expansion of the machinery for processing and finishing
2014 ➤ Formation of a logistics center at the main site
2015 ➤ Startup of the new production site in the USA
Polyvlies Group

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Polyvlies USA
Winston-Salem, North Carolina

Distances:

- Spartanburg, SC
  150 miles
  240 km

- Chattanooga, TN
  360 miles
  580 km

- Tuscaloosa, AL
  520 miles
  835 km

- Detroit, MI
  570 miles
  920 km
Office & Mfg. Facility

260 Business Park Drive

Facility: 66,000 sq. ft.

Polyvlies USA
Winston-Salem, North Carolina
Polyvlies USA
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Manufacturing Capacity-

2 lines for needled punched nonwoven
Polyvlies USA
Winston-Salem, North Carolina

Cutting & Shipping Facility

125 Business Park Drive

Facility: 26,500 sq. ft.
Capabilities

- Carded nonwovens and nonwovens consolidated by means of needle-punch technology made of synthetic, natural and recycling fibers as well as any desired combination thereof.

- Weight
  - > 100 g/m² with synthetic fiber
  - > 300 g/m² with natural and/or mineral fiber

- Width
  - Up to 5000 mm (~16 feet)
Raw materials

Natural fibers

• Flax LI
• Hemp HA
• Kenaf KE
• Cotton CO
• New Wool WO

Synthetic fibers

• Polypropylene PP
• Polyester PES (including bicomponent fibers)
• Polyacrylonitrile PAN
• Polyethylene PE
• Polyamide PA
• Viscose CV
• Glass fibers GF

…and further fibers which are still under development.
Automotive Applications

Wheel arch liner, Acoustics, Door trim panels, Underbody trim, Headliner, Seating, Parcel Shelf, Side panels / Carrier parts in the trunk
Automotive Applications Examples: