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# Textile Lamination

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## Who We Are?

### Beyond The Limits...

With more than 30 years of experience in the industry, we work around the clock to provide seamless customer experience to many industries (i.e. Food and Beverage, Logistics and Transportation, Personal Care, Retail,

Petroleum, Chemistry, Automotive, Furniture, Glass, Plastic, Packaging and Digital Media etc.) with a wide product range including in both business divisions including Self-adhesive products and chemistry.

### These product ranges are as follows,

- Self-adhesive Products

- Pressure-sensitive Label Materials
- Graphics Products and Solutions

- Inks and Coatings

- UV
- Water-based

- Industrial Adhesives

- Flexible Packaging
- Laminating Adhesives

- Wood and Building Elements

- PUR Hotmelt Adhesives
- Liquid PU Adhesives
- Water-Based Acrylic Adhesives
- PUR Dispersion Adhesives

- Textile Chemicals

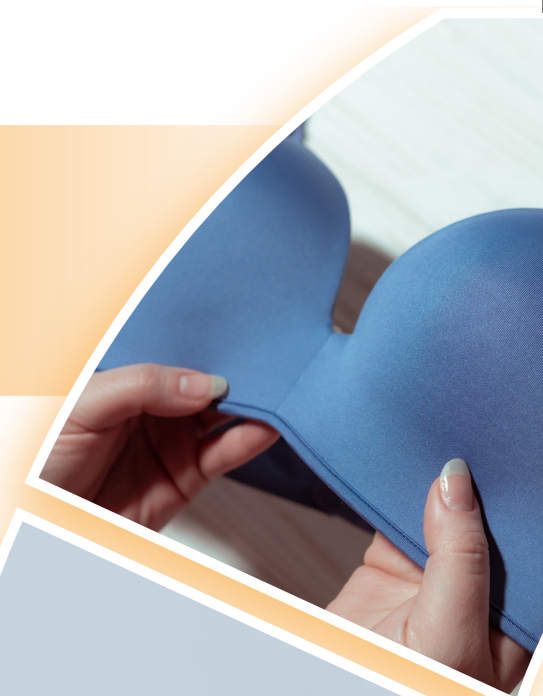
- Hotmelt Adhesives for Textile Lamination
- WB PU Dispersions
- WB Pigment Pastes
- WB Acrylic Bonders

## Textile Lamination

The textile industry, crucial for everyday items such as bedding, upholstery, and clothing, has grown substantially. There has been a notable expansion in the variety of materials, particularly with lamination techniques using adhesives to create strong and reliable bonds.

The technical textiles industry has consistently expanded in recent decades, driven by contemporary trends and evolving needs. This growth has significantly enhanced the value of textiles through the strategic development of multi-layer composites.

The PURPEKS series of PUR adhesives offers a comprehensive range of solutions meticulously designed to meet specific requirements and incorporate alternative technologies. These solutions incorporate features like wash resistance, breathability, and precise mechanical properties. Considering the diverse range of textile substrates and the virtually limitless combinations available, each possesses unique characteristics, requiring careful and customized solutions.



REACTIVE PUR HOTMELT ADHESIVES							
Product	Viscosity 80 C (mPa.s)	Viscosity 100 C (mPa.s)	Viscosity 120 C (mPa.s)	Textile	Membrane film	Foam	Characteristics / Applications
PURPEKS 505.30	10.200	3.200	1.100	✗	✗	✗	Excellent universal product with wide adhesion spectrum, fast crosslinking
PURPEKS 505.60	13.200	4.000	1.400	✗	✗	✗	Excellent universal product with wide adhesion spectrum
PURPEKS 518	43.000	13.500	6.500	✗	✗		Outdoor curtain, good hydrolysis and washing resistance
PURPEKS 526	50.500	10.750	2.500	✗			High initial strength, heavy textiles, fast crosslinking
PURPEKS 508	22.000	10.000	5.750	✗	✗		Very good for membrane lamination, PTFE, soft textile touch
PURPEKS 521	60.000	23.000	11.000	✗	✗		High initial strength, high viscosity, heavy textiles
PURPEKS 500	31.000	10.000	3.900	✗	✗	✗	Excellent universal product with wide adhesion spectrum
PURPEKS 507	7.500	3.500	1.900	✗	✗		PTFE membrane, good washing resistance

PURPEKS CLEANERS		
PURPEKS CLEANER 900	Liquid	For cylinder cleaning. Flash point -6°C
PURPEKS CLEANER 910	Liquid	For cylinder cleaning. High flash point
PURPEKS CLEANER 920	Solid	8.000-12.000 cp viscosity at 120°C. For drum melter and hose cleaning
PURPEKS CLEANER 950	Liquid	For cylinder cleaning. Flash point 65°C