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Purpeks Adhesives for 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
- PU Dispersions
- WB Acrylic Binders
- PVA Polymers and Solutions



Purpeks Adhesives for 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							
PROPERTIES		PURPEKS 500	PURPEKS 505.30	PURPEKS 505.60	PURPEKS 505.30L	PURPEKS 508	PURPEKS 516	PURPEKS 521	PURPEKS 527
Viscosity	(mPa/90°C)		5.000 - 7.500	5.000 - 7.500	2.500 - 3.500				
	(mPa/100°C)	6.000 - 10.000				8.000 - 11.000			
	(mPa/110°C)						7.000 - 11.000	10.000 - 15.000	
	(mPa/120°C)								2.000 - 3.000
Application System	Gravure Roller	★	★	★	★	★	★	★	★
	Slot Nozzle						★	★	★
	Spray Application	★	★	★	★	★	★	★	★
Cleaning Resistance	Washing Resistance	★	★	★	★	★	★	★	★
	Sterilization	★	★	★	★	★	★	★	★
Substrate	Textiles	★			★	★	★	★	★
	Membrane - Film	★	★	★	★	★	★		
	Foam	★	★	★			★		
Temperature	Working Temperature	100 - 110°C	90 - 110°C	90 - 100°C	100 - 110°C	100 - 110°C	100 - 120°C	100 - 110°C	100 - 110°C
Certification		OEKO TEX® ECO PASSPORT	OEKO TEX® ECO PASSPORT	OEKO TEX® ECO PASSPORT	OEKO TEX® ECO PASSPORT	OEKO TEX® ECO PASSPORT	OEKO TEX® ECO PASSPORT	OEKO TEX® ECO PASSPORT	Work in Progress

PURPEKS CLEANERS

PURPEKS CLEANER 910	Liquid	Hot Roller Surface	Specifically developed for cleaning hot roller surfaces. Rapidly dissolves surface residues without affecting roller integrity.
PURPEKS CLEANER 911	Liquid	General PUR Cleaning	Eco-Safe Choice - NMP/NEP-free, non-reprotoxic. High flash point and low volatility ensure maximum safety and longer contact time.
PURPEKS CLEANER 920	Solid	Drum Melters & Hoses	The purging compound uses highly reactive functional groups to neutralize residual isocyanates, deactivating curing sites and preventing unwanted polymerization and buildup during cleaning.
PURPEKS CLEANER 930	Granule	Mechanical Purging	Provides superior mechanical friction to strip away charred PUR and stubborn build-ups from the deepest corners.
PURPEKS CLEANER 940	Powder	Deep Micro-Cleaning	High surface activity penetrates the smallest tolerances and manifolds where liquids and granules cannot reach.

