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Advanced Coating Solutions for High-Performance Textiles

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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

Transforming Textiles into Performance Solutions

Fabrics and textiles are essential across a wide range of applications—from everyday comfort and environmental protection to critical industrial and safety uses. Their adaptability makes them a cornerstone of both modern living and advanced technologies. At Frimpeks, we go beyond materials. We engineer performance.

Our Expertise

We specialize in tailor-made performance coatings that enhance the functionality and durability of textiles. By combining innovation with technical precision, we deliver solutions that meet the most demanding industry standards.

Our key strengths include:

Advanced material engineering
 Custom-developed coating technologies
 Consistent, high-quality production
 Application-driven innovation.

High-Performance Raw Materials

We produce premium raw materials that support the development of high-performance textile applications. Our products are trusted across industries where reliability and technical excellence are critical.

Key Benefits

Superior mechanical strength
 Excellent chemical resistance
 Long-lasting durability
 Enhanced textile performance
 Advanced Water-Based Resins

Applications

Our solutions are widely used in:
 Technical textiles
 Protective fabrics
 Industrial applications
 Performance apparel
 Specialized coated materials

Our water-based resins are engineered to deliver:

High flexibility
 Exceptional washing resistance
 Strong adhesion and durability
 We offer a versatile portfolio of polymers, including:
 PUD (Polyurethane Dispersions)
 Acrylic Resins
 PVA (Polyvinyl Acetate)
 This diversity allows us to meet a broad range of technical and design requirements.

AQUAPEKS ACRYLIC BINDERS & PVA SOLUTIONS						
PRODUCT	VISCOSITY	pH	SOLID (130°C, 1 hr, - 2g)	TG	MONOMER COMP.	APPLICATION
AQUAPEKS VA 001/40	Max. 500 cps (Brookfield LVT S2/100 rpm, 22°C)	3,5 - 5,5	38 - 42	-6	VA/AC	NON-WOVEN COATING
AQUAPEKS VA 018/45	Max. 500 cps (Brookfield LVT S2/100 rpm, 22°C)	2,0 - 4,0	43 - 47	-21	S/AC	NON-WOVEN COATING
AQUAPEKS VA 038/45	Max. 500 cps (Brookfield LVT S2/100 rpm, 22°C)	3,5 - 4,5	43 - 47	34	VA/AC	NON-WOVEN COATING
AQUAPEKS VA NT045	Max. 700 cps (Brookfield LVT S2/100 rpm, 22°C)	4,5 - 5,5	43 - 45	45	VA/AC	NON-WOVEN COATING
AQUAPEKS VA NT050	Max. 200 cps (Brookfield LVT S2/100 rpm, 22°C)	5,5 - 6,5	47 - 50	44	S/AC	NON-WOVEN COATING
AQUAPEKS VA NT052	Max. 700 cps (Brookfield LVT S2/100 rpm, 22°C)	5,5 - 8,5	45 - 48	27	S/AC	NON-WOVEN COATING
AQUAPEKS VA NT055	Max. 500 cps (Brookfield LVT S2/100 rpm, 22°C)	6,0 - 8,0	46 - 48	34	S/AC	NON-WOVEN COATING
AQUAPEKS VA NT010	Max. 500 cps (Brookfield LVT S2/100 rpm, 22°C)	4,5 - 5,5	45 - 48	-10	AC	NON-WOVEN COATING
AQUAPEKS GF 50	1500-3000 cps (Brookfield LVT S4/20 rpm, 22°C)	4,0 - 5,0	52 - 56	31	VA /AC	GLASS FIBER SIZING
AQUAPEKS GF 60	2000-3500 cps (Brookfield LVT S4/20 rpm, 22°C)	4,0 - 5,0	53 - 57	32	VA /AC	GLASS FIBER SIZING
AQUAPEKS GF 70	2000-4000 cps (Brookfield LVT S4/20 rpm, 22°C)	4,0 - 5,0	57 - 61	-4	VA /AC	GLASS FIBER SIZING
AQUAPEKS GF 80	2000-4000 cps (Brookfield LVT S4/20 rpm, 22°C)	4,0 - 5,0	57 - 61	-8	VA /AC	GLASS FIBER SIZING
AQUAPEKS GF 90	1000-3000 cps (Brookfield LVT S4/20 rpm, 22°C)	3,0 - 5,0	53 - 56	26	VA /AC	GLASS FIBER SIZING
AQUAPEKS PV 25	2500-3500 cps (Brookfield LVT S4/20 rpm, 22°C)	5,0 - 6,0	24 - 26	-	-	ABRASIVE
AQUAPEKS WP 85915-G	90-100 sec (Fordcup4, 22°C)	8,5 - 9,0	23 - 28	62	AC	WALLPAPER
AQUAPEKS WP 85914-M	85-95 sec (Fordcup4, 22°C)	8,0 - 8,5	35 - 39	60	AC	WALLPAPER
AQUAPEKS VA 024/45	Max. 500 cps (Brookfield LVT S2/100 rpm, 22°C)	3,0 - 4,0	44 - 48	23	AC	TECHNICAL TEXTILE
AQUAPEKS VA 100/40	Max. 500 cps (Brookfield LVT S2/100 rpm, 22°C)	6,0 - 7,0	39 - 41	-44	AC	TECHNICAL TEXTILE
AQUAPEKS SP 7450	Max. 500 cps (Brookfield LVT S2/100 rpm, 22°C)	7,0 - 8,0	48 - 52	-7	AC	TECHNICAL TEXTILE

PUDPEKS POLYURETHANE DISPERSIONS					
PRODUCT	Chemical Type	Viscosity (m.Pa*s)	pH Range	Solid %	APPLICATION
PUDPEKS SP 4017	PES/ PC	max. 300	7 - 9	39 - 41	Textile printing
PUDPEKS WA 8400	PES	max. 300	7 - 9	38 - 42	Textile Coating
PUDPEKS WA 8500	PES	max. 300	7 - 9	48 - 52	Textile Coating
PUDPEKS 550A	PE	max. 3.000	7 - 9	38 - 42	Abrasive
PUDPEKS 502 GF	PES	max. 300	7 - 10	40 - 42	Glass Fibre
PUDPEKS 5200/30GF	PES	max. 300	6 - 9	28 - 32	Glass Fibre
PUDPEKS 516GF	PE	max. 300	7,5 - 9,5	29 - 31	Glass Fibre
PUDPEKS 508GF	PES	max. 300	6 - 9	28 - 32	Glass Fibre
PUDPEKS TC 4100	PC	max. 600	7 - 9	39 - 41	Textile Coating
PUDPEKS TC 4200	PES	max. 600	5,5 - 7,5	39 - 41	Textile Coating
PUDPEKS UV Coat	PES/ PE	max. 300	7 - 9	34 - 36	Wood Coating
PUDPEKS 3420D	PC	max. 300	7 - 9	34 - 36	Digital Printing
PUDPEKS 3150	PC	max. 10.000	7 - 9	31 - 33	Leather
PUDPEKS 4150	PES	max. 300	5,5 - 7,5	39 - 41	Leather