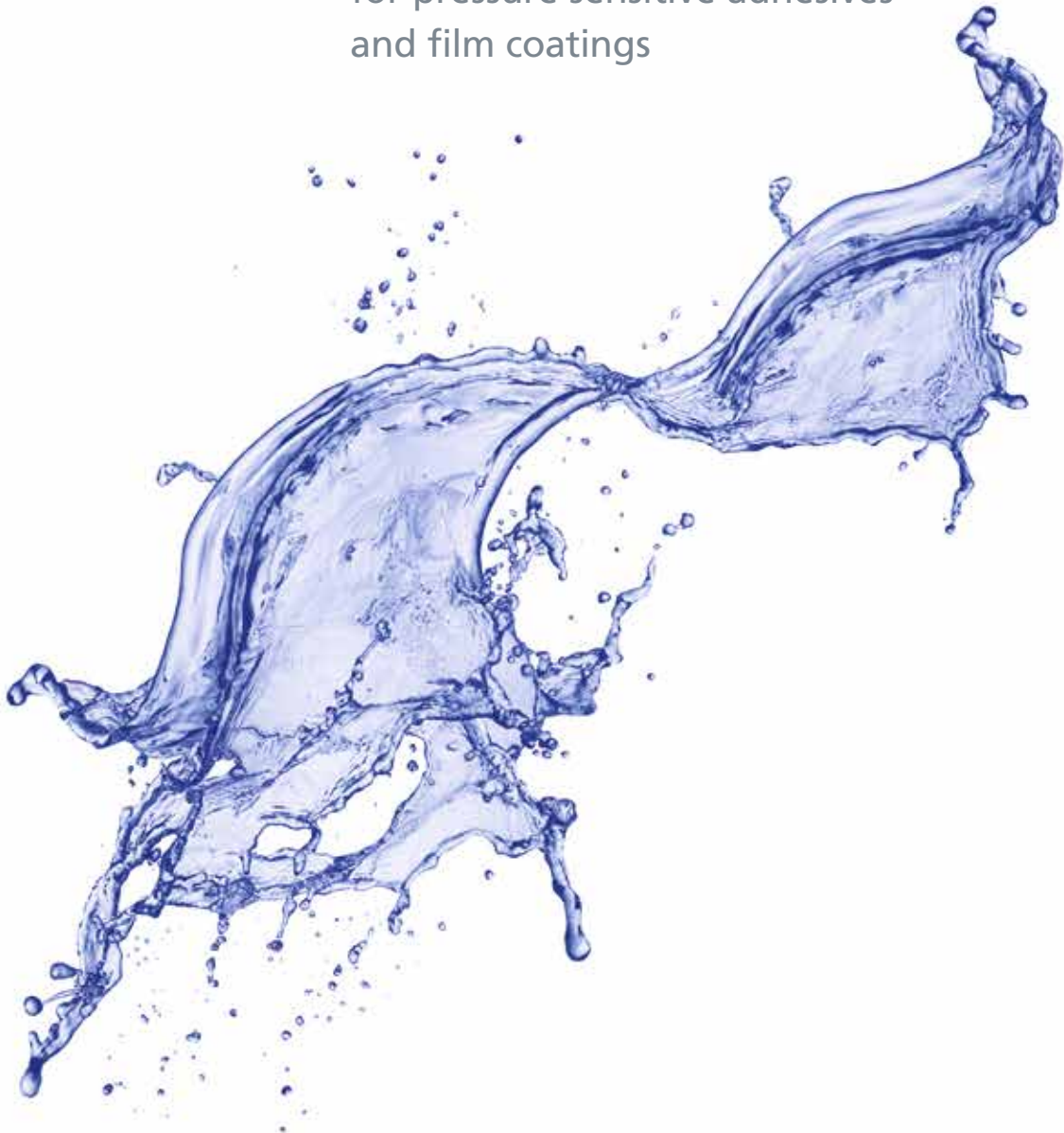


# Water-based Polyurethane and Acrylate Dispersions

for pressure sensitive adhesives  
and film coatings



	Permanent Labels	Removable Labels	Paper, Envelopes etc.	Double Sided Tapes	Masking Tapes	Protective Film Adhesives	Additive for Increased Cohesion	Heat Activated Adhesives	Tackifier Emulsion	Automotive Adhesives	Primer	Flock Adhesives	Flexible Sealing	Film Coatings	Coating Wax for Sausages/ Cheese Coatings
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### ALBERDINGK® Primer

U 4000*											X				
U 4040*							•				X				

### ALBERDINGK® Speciality Products

AC 2570		X													
AC 3640*														X	
AC 75874															X
AS 2040*												X			
VA 7500															X

### ALBERDINGK® Aliphatic Inherent Matt Polyurethanes

PUR MATT 300*														X	
PUR MATT 340*														X	
PUR MATT 970*														X	X

	Solids [%]	pH-Value	Viscosity Brookfield [mPas]	Tg [°C]	Activating Temperature [°C]	Loop Tack [N/2.5 cm]	Peel Strength/180° [N/2.5 cm]	Shear Resistance @ RT 10 N/6 25 cm² [h]	Dynamic Shear Resistance [N/cm²]	Heat Resistance 'Ford' [°C]
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### ALBERDINGK® Primer

U 4000*	27,0–29,0	8,0–9,5	20–200							
U 4040*	44,0–46,0	7,0–8,0	100–1000	-80	> 100					

### ALBERDINGK® Speciality Products

AC 2570	39,0–41,0	4,0–4,5	10–300							
AC 3640*	40,0–42,0	8,0–9,0	50–500							
AC 75874	57,0–59,0	7,0–8,0	50–400							
AS 2040*	56,0–58,0	7,0–9,0	1500–4500							
VA 7500	44,0–46,0	4,0–5,0	20–100							

### ALBERDINGK® Aliphatic Inherent Matt Polyurethanes

PUR MATT 300*	41,0–43,0	7,0–9,0	200–1800							
PUR MATT 340*	39,0–41,0	7,0–9,0	20–500							
PUR MATT 970*	34,0–36,0	7,0–9,0	20–2000							

\* new development

**ALBERDINGK® Primer**

U 4000*	Adhesion primer for plastic substrates, especially for corona treated BOPP foils
U 4040*	Adhesion primer, high cohesion, high hydrolysis resistance, heat activating

**ALBERDINGK® Speciality Products**

AC 2570	For hobby glue (neutralized with ammonia), washable
AC 3640*	For overprint varnishes with very high gloss and blocking resistance, good resolubility
AC 75874	Suitable for producing physiological harmless coating wax for hard cured sausages
AS 2040*	For flexible sealants and screeds, very good cement- and bitumen- compatibility
VA 7500	Coatings for hard cheese, due to the monomer composition suitable for all applications which require alkali resolubility

**ALBERDINGK® Aliphatic Inherent Matt Polyurethanes**

PUR MATT 300*	For matt coatings with softfeel haptic, high transparency on dark substrates, overprint-varnishes based on PUR-MATT 300 VP enhance the colour of the print underneath
PUR MATT 340*	Modification of PUR-MATT 300 VP for single layer, direct to corona treated BOPP foils, softfeel haptic
PUR MATT 970*	For matt coatings with paperfeel haptic, high transparency on dark substrates

	Permanent Labels	Removable Labels	Paper, Envelopes etc.	Double Sided Tapes	Masking Tapes	Protective Film Adhesives	Additive for Increased Cohesion	Heat Activated Adhesives	Tackifier Emulsion	Automotive Adhesives	Primer	Flock Adhesives	Flexible Sealing	Film Coatings	Coating Wax for Sausages/ Cheese Coatings
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### ALBERDINGK® Pressure Sensitive Adhesives

AC 75011*		X				X									
AC 75013*		X		•		X									
AC 75022	X		X	X					X				X		
AC 75032	•			X					•	X			•		
AC 75063	X			X						X			•		
AC 75066	X			X						X			X		
AC 75070	X			X					•	X			•		
AC 75132	•	X				•				•					
AC 75222	X		X	X						X					
AC 75241*	X		X	X						X					

### ALBERDINGK® Additives for Pressure Sensitive Adhesives

AC 2511							X								
AC 5503							X								

### ALBERDINGK® Heat Activating Adhesives

AC 4600*								X							X
AC 548								X		•		X			
AC 5503							X								
AC 7574		X				X		X							
U 216*								X							
U 3251								X		X					
U 400 N								X		X					
U 4101						•		X		X					

X recommended    • possible    \* new development

	Solids [%]	pH-Value	Viscosity Brookfield [mPas]	Tg [°C]	Activating Temperature [°C]	Loop Tack [N/2.5 cm]	Peel Strength/180° [N/2.5 cm]	Shear Resistance @ RT 10 N/6 25 cm <sup>2</sup> [h]	Dynamic Shear Resistance [N/cm <sup>2</sup> ]	Heat Resistance 'Ford' [°C]
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### ALBERDINGK® Pressure Sensitive Adhesives

AC 75011*	59,0–61,0	5,5–6,5	100–1500	-62						
AC 75013*	59,0–61,0	6,0–7,0	100–1500	-43		5	3	> 1000	60	> 160
AC 75022	66,0–68,0	4,0–6,0	200–1500	-40		35	17	0.50	30	52
AC 75032	59,0–61,0	5,0–6,0	500–1500	-40		26	26	3	50	90
AC 75063	64,0–66,0	3,5–5,0	1000–3000	-39		23	24	30	55	130
AC 75066	61,0–63,0	5,0–6,5	500–3000	-39		29	24	> 500	60	> 160
AC 75070	64,0–66,0	3,0–5,0	2000–5000	-34		28	26	> 25	55	125
AC 75132	59,0–61,0	6,0–7,0	1000–2500	-44		8	14	6	45	120
AC 75222	67,0–69,0	5,0–6,0	2000–5000	-46		27	21	> 500	60	> 160
AC 75241*	64,0–66,0	4,0–5,0	3000–5000	-32		20	16	> 1000	60	> 160

### ALBERDINGK® Additives for Pressure Sensitive Adhesives

AC 2511	41,0–43,0	7,5–9,0	20–150							
AC 5503	49,0–52,0	7,0–9,0	1000–5000	0						

### ALBERDINGK® Heat Activating Adhesives

AC 4600*	19,0–21,0	9,0–10,5	20–200							
AC 548	49,0–51,0	7,5–8,5	3000–6000	7	> 100					
AC 5503	49,0–52,0	7,0–9,0	1000–5000	0						
AC 7574	54,0–56,0	6,0–7,0	100–1000	-35	> 80	7	5	> 1000	64	> 160
U 216*	59,0–61,0	7,5–9,0	20–300							
U 3251	39,0–41,0	7,0–8,0	20–200	-58	> 100					
U 400 N	39,0–41,0	7,0–8,0	20–200	-80	> 80					
U 4101	39,0–41,0	7,0–8,5	50–750	-80	> 80					

\* new development

**ALBERDINGK® Pressure Sensitive Adhesives**

AC 75011*	Suitable for removable adhesives for protective foils and tapes
AC 75013*	For removable applications, anti-slip coatings, APEO-free, VA-free
AC 75022	High solids and high tack, for paper and envelope adhesives, APEO-free, VA-free
AC 75032	Tapes for roof construction, water resistant, very good adhesion, high tack, APEO-free, VA-free
AC 75063	Very high peel strength, APEO-free, VA-free
AC 75066	Very high cohesion, APEO-free, VA-free
AC 75070	High tack and very high peel strength, good adhesion to different substrates, for construction and automotive, APEO-free
AC 75132	Excellent waterproofness, low whitening, APEO-free, VA-free
AC 75222	For automotive applications with high cohesion and heat resistance, APEO-free, VA-free, also available with changed preservation for skin contact
AC 75241*	For automotive applications with high cohesion and heat resistance, APEO-free

**ALBERDINGK® Additives for Pressure Sensitive Adhesives**

AC 2511	Hard acrylic dispersion, increases cohesion at levels of 3 – 5%, APEO-free
AC 5503	Self-crosslinking acrylate, increases cohesion, APEO-free

**ALBERDINGK® Heat Activating Adhesives**

AC 4600*	Heat-sealable adhesives/coatings on BOPP foils, primed with ALBERDINGK U 4000 VP, also suitable for heat sealable overprint varnishes on OPP foils
AC 548	Heat-reactive, block-free acrylate adhesive with MFFT 13 °C, for lamination applications, combination partner for PU's
AC 5503	Self-crosslinking acrylate, very low yellowing, high transparency, for lamination applications, APEO-free
AC 7574	OPP film-to-print lamination, suitable for removable PSA applications, APEO-free
U 216*	Polyester-PU for lamination applications, very soft, good hydrolysis resistance
U 3251	Heat-reactive PU dispersion for lamination applications
U 400 N	Polyether-PU for lamination applications, adhesion primer, high hydrolysis resistance
U 4101	Soft polyether-PU with very good adhesion to different substrates, high hydrolysis resistance

\* new development

**Exemption clause:**

The aforesaid information is based on our present state of knowledge and shall inform on our products and their application possibilities. It is not intended to assure certain characteristics of the products and their suitability for precise application fields. Please consider possible industrial property rights.



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