

Wrapper & Innerliner

Coatings, Primer and Heat Seal Lacquer

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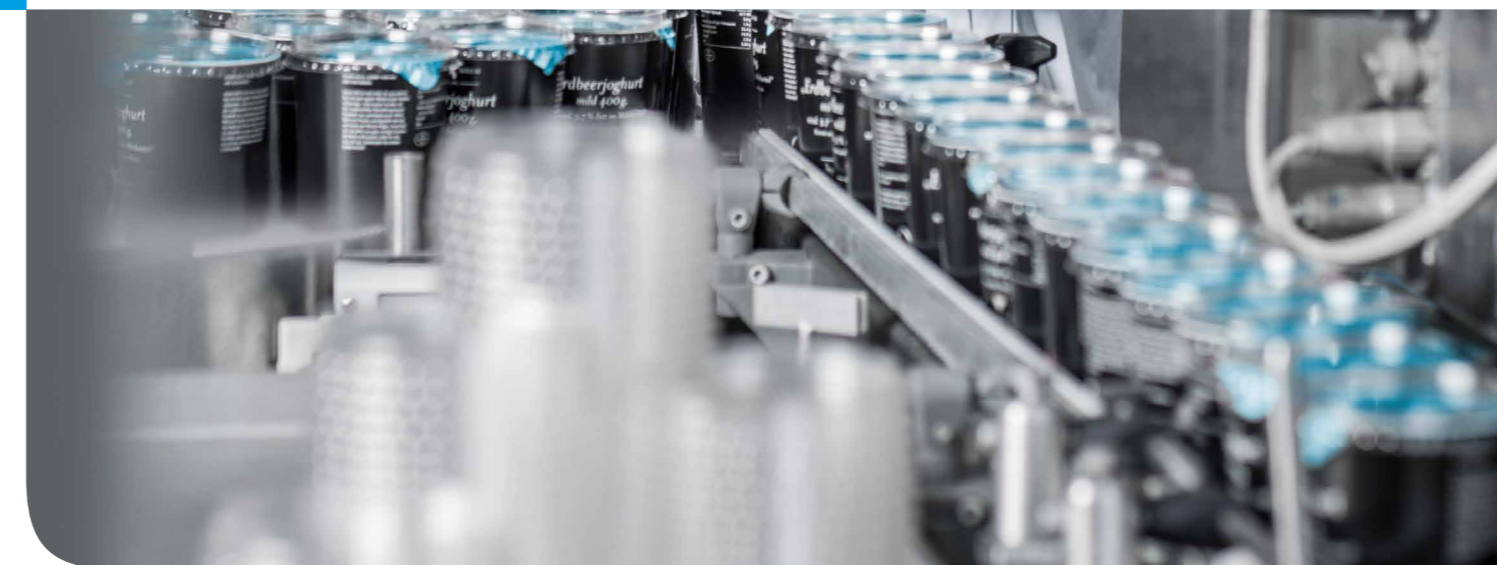
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ACTEGA-products for Wrapper & Innerliner
- facilitate high-quality metallization and consequently protect flavor, consistency and durability of the filling
- are tailored to the application and filling and then tested in-house in our metallization lab

Coatings

Substrate			Product-function	Application Area	Technical Information											Food Contact Regulation***					Product Description	Productname	Company					
Paper	Alu	Plastic			Solids [%]	Measuring Method*	Film Weight** [g/m²]	Drying Conditions			Formulation		Application Process	BPA-NI		PVC-NI	MF-NI	FDA		EU	Swiss Ordinance	China	Nestlé approved					
								Recommended PMT / Substrate-temperature [°C]	IR Dryer	Hot Air	Solvent-based (SB)	Water-based (AQ)						175.105	175.300								10/2011/EC	SR.817.023.21
●	●		Protective	Interior	35 – 39	1	2,0 – 3,0	116 – 121			●						●	●	●	●	●		●			Opaque	ACTEcoat SC-007	ACTEGA Rhenania
●			Top Coat	Exterior	25 – 30	2	0,8 – 2,0			●		●									●					Transparent topcoat for metallized papers with good scratch resistance	TerraWet Protective Coating G 16/205	ACTEGA Terra

Primer

Substrate			Technical Information											Food Contact Regulation					Product Description	Productname	Company						
Paper	Alu	Plastic	Solids [%]	Measuring Method*	Film Weight** [g/m²]	Drying Conditions		Formulation		Application Process		BPA-NI	PVC-NI	MF-NI	FDA		EU	Swiss Ordinance	China	Nestlé approved							
						Recommended PMT / Substrate-temperature [°C]	Hot Air	Solvent-based (SB)	Water-based (AQ)	Gravure	Flexo				175.105	175.300								10/2011/EC	SR.817.023.21	GB 9685-2008	
	●		28 – 32	1	1,8 – 2,2	149 – 154		●		●		●			●	●		●	●		●				Primer for Heat Seal Lacquers	ACTEcoat HM-630-0309	ACTEGA Rhenania
	●		40 – 45	2	1,0 – 2,0		●		●	●										●					Primer for aluminum foil to be printed with NC inks (for wrappers)	TerraWet Primer G 16/215	ACTEGA Terra
●			28 – 34	2	0,5 – 1,0		●		●	●										●					Primer for metallization	TerraWet Primer G 16/216	ACTEGA Terra

* Measuring methods:

1) After DIN EN ISO 3251 usually measured by 30 min, 180°C

2) After Sartorius Moisture Analyzer

** Dry, divergent weight possible

*** ● Not directly listed, but in compliance

● Only non-alcoholic food

Heat Seal Lacquer

Substrate			Sealing Partner								Technical Information										Food Contact Regulation*					Product Description	Productname	Company				
Paper	Alu	Plastic	PP	PS	APET	PE	PVC	PLA	Itself	Alu	Sealing Values [N]	Sealing Temperature [°C]	Formulation				Application Process	FDA		EU	Swiss Ordinance	China	Nestlé approved									
													Water-based (AQ)	Solvent-based (SB)				Gravure	Flexo								BPA-NI	PVC-NI	175.105	175.300	10/2011/EC	SR.817.023.21
													MEK (Methyl-Ethyl-Keton)	EAC (Ethyl-Acetat)	Butyl-acetat	Propyl-acetat																
	●	PET			●				●	●	0,3 – 0,7	70	●	●				●	●	●	●	●	●	●	●	●	●	●	●	Low seal initiation, clear, glossy, chocolate wrapper	ACTEseal HS-389	ACTEGA Rhenania
●	●	●					●		●	●	2,0 – 5,0	120		●				●	●	●	●	●	●	●	●	●	●	●	For cheese spread, cheese triangles	ACTEseal HS-365	ACTEGA Rhenania	
		oPP							●		2,0 – 5,0	130		●				●	●	●	●	●	●	●	●	●	●	●	For film wrapper	ACTEseal HSC-176-3	ACTEGA Rhenania	

* ● Only non-alcoholic food

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