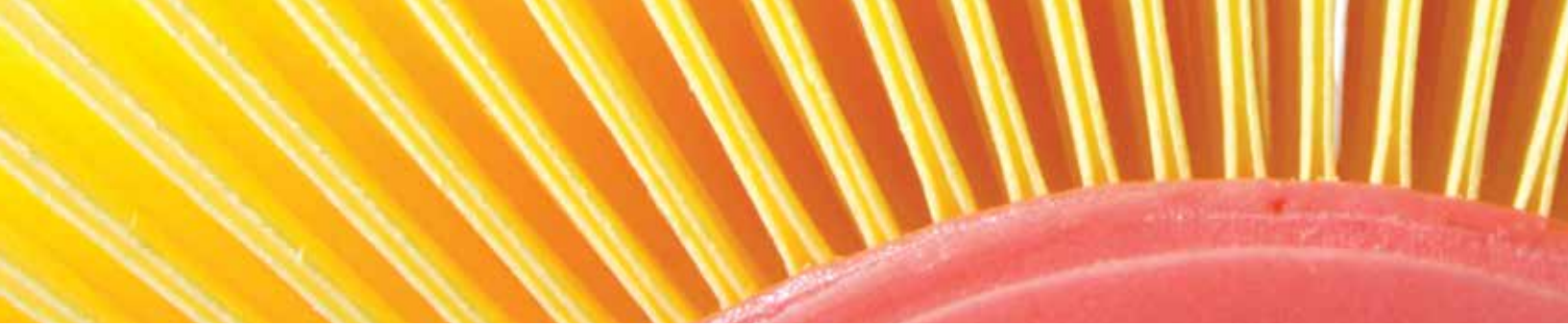
Lubrizol

Imagined for Life. Enabled by Science.™

Resins Product Guide for Paper, Nonwovens, Textiles, Printing & Packaging



Enabling Customer Success

INDUSTRY KNOWLEDGE

With an experienced team of coating, ink, and composite specialists, Lubrizol is dedicated to close collaboration with customers and industry experts to gain and share industry knowledge, insights, and solutions.

TECHNICAL SUPPORT

Lubrizol staffs fully-equipped labs in Europe, North America, Latin America and Asia to bring regional formulation capabilities and support to customers, wherever they are in the world.

QUALITY

From product development to production and distribution, we carefully control all processes to ensure the quality of our products and to enable customers to gain a competitive edge.

INNOVATIVE SOLUTIONS

Lubrizol invests in market-driven innovation to address relevant and timely coatings challenges and opportunities for customers.

ON-TIME DELIVERY

Product availability and on-time delivery are vital to any business. To answer these needs, Lubrizol has a worldwide network of distribution points. This comprehensive network provides immediate access to customer service.

TEXTILES

Lubrizol resins can bring a diverse range of performance needs for textile coatings, helping formulators deliver functional benefits such as breathability and cooling, water repellence, flame retardance, abrasion resistance, and durability. Our products are also commonly used to enhance aesthetic properties such as clarity, gloss/matte, hand, drape, noise dampening, and more. With a focus on eliminating materials of high concern, reducing VOC, and enhancing recyclability, our technologies are valuable for customers striving to reach continuously evolving sustainability initiatives for apparel, home furnishing fabrics, transportation and technical textiles.

PAPER

Lubrizol resins are commonly used in coatings and impregnable binders for filtration media, wallcovering, tape, and engineered paper for construction, medical, and transportation markets. They deliver diverse functional and aesthetic benefits, including flame retardance, durability, water repellence, and toughness, while helping formulators eliminate materials of high concern, including formaldehyde.

NONWOVENS

Lubrizol resins are often demanded for diverse nonwoven fabric applications, such as medical drapes, insulation, linings, and filtration to bring a range of functional benefits such as toughness, durability, fire retardance, and moisture resistance.

ADHESIVES

For decades, Lubrizol resin technologies have enabled some of the best adhesive technologies on the planet. From adhesive strength, high tack, peel performance, temperature resistance, sheer levels, water/chemical resistance and dry times, formulators count on Lubrizol to help engineer adhesives that meet the demands of some of the world's most basic and challenging adhesive requirements.

DIGITAL PRINTING

Lubrizol resins are helping to drive the transition from analogue to digital printing. They deliver wide ranging functionality in both ink receptive and inkjet ink technology. Applications include, Solvent, UV and Water-based inkjet systems.

Acrylic Emulsions

	Product Name	Typical Physical Properties								
		Tg °C	Charge	Solids (%)	pH	Specific Gravity	Viscosity (cP)	Heat Reactive	Carboxylated	Formaldehyde -Free
	Hycar® T-122S	-30	A	48	3.2	1.05	30	•	•	
	Hycar® T-9202	-26	A	59	3.5	1.07	100	•		
	Hycar® T-91	-16	A	50	2.5	1.06	100	•	•	
	Hycar® 26-1199	-15	A	49	3.7	1.06	550		•	•
	Hycar® 26083	-15	A	52.5	6	1.07	55	•	•	
	Hycar® 26552A	-15	A	47	4.5	1.05	110		•	•
Medium	Hycar® 26-0202	-12	A	50	3.7	1.06	450	•	•	
Medium	Hycar® 27019	-12	A	50	4	1.06	125	•	•	
Medium	Hycar® 2671	-11	A	53	5	1.07	170	•	•	
Medium	Hycar® 26120E	-11	A	50	3.8	1.07	115	•		
Medium	Hycar® 26345	-6	A	50	3.6	1.07	20	•	•	
Medium	Hycar® 2679	-3	A	49	3.7	1.06	100	•		
Medium	Hycar® 26796	0	A	48	5	1.07	120	•	•	
Medium	Hycar® FF26916	+2	A	50	8.5	1.06	60		•	•
Medium	Hycar® FF26948	+7	A	52	3.5	–	200			•
Medium	Hycar® 26084	+8	A	49	6	1.07	200	•	•	
Medium	Hycar® 2695	+10	A	44	8.5	–	30-200			•
Medium	Hycar® 26349	+12	A	49	4.6	1.07	135	•		
Medium	Hycar® 26091	+20	A	50	6.8	1.16	30	•	•	
Medium	Hycar® 26-1265	+23	A	49	4	1.06	350		•	•
Medium	Hycar® 26138	+25	A	49	5.5	1.07	60	•		
Medium	Hycar® 26348	+30	A	48.5	6	1.07	200			
Medium	Hycar® 26450	+32	A	46	4	1.06	25	•	•	
Medium	Hycar® 26907	+31	A	48	6	1.06	–	•	•	•
Medium	Hycar® 26172	+33	A	50	2.5	1.05	125	•	•	
Medium	Hycar® 26391E	+36	A	50	3.6	1.09	125	•	•	
Medium	Hycar® 26256E	+45	A	50	2.5	1.09	140	•		
Medium	Hycar® 26-1475	+50	A	50	4	1.06	350		•	•
Medium	Hycar® 26315	+55	A	49.5	2.1	1.07	36	•	•	
Medium	Carbocure™ TSR-72	+72	A	35.0	4.6	1.07	50	•	•	
Medium	Hycar® 26459	+103	A	46.5	3.3	1.04	15	•	•	•

**Formaldehyde-free and versions with FDA clearances are available on select polymers.

Acrylic Emulsions

	Product Name	Further Description/Other Information
	Hycar® T-122S	Flock adhesive/backcoatings, excellent drape. Very good water and solvent resistance.
	Hycar® T-9202	High-solids textile coatings/adhesives.
	Hycar® T-91	Foam/froth backcoatings, excellent durability to laundering/dry cleaning, excellent cold flex.
	Hycar® 26-1199	Formaldehyde-free, soft binder; very hydrophobic.
	Hycar® 26083	Low-temperature flexibility; clear, white-water color; wash and dry clean durable.
	Hycar® 26552A	Formaldehyde-free, hydrophobic polymer, highly redispersible in most processes until cured. Excellent for medical applications.
Medium	Hycar® 26-0202	Self-crosslinking version of Hycar® 26-1199. Ultra-water resistant.
Medium	Hycar® 27019	General purpose coatings/adhesives. Saturation and wet end addition. Excellent color/heat/light stability. Book cover.
Medium	Hycar® 2671	General purpose coatings. Foamable flock adhesives with excellent durability. Good solvent and water resistance.
Medium	Hycar® 26120E	Excellent pigment acceptance. Highly redispersible. Excellent heat stability.
Medium	Hycar® 26345	Foam/froth backcoatings, excellent durability to laundering/dry cleaning, excellent cold flex.
Medium	Hycar® 2679	Fabric laminating, backcoating, flocking finishes. Good general purpose acrylic for saturation, book cover, filter paper.
Medium	Hycar® 26796	Fabric laminating adhesive. Self thickening with ammonia. Good solvent resistance.
Medium	Hycar® FF26916	Formaldehyde-free. Excellent abrasion resistance; heat and light stable.
Medium	Hycar® FF26948	Self-crosslinking, formaldehyde-free acrylic emulsion that provides outstanding dry and wet physical properties when used as a binder to saturate paper substrates.
Medium	Hycar® 26084	Heat seal adhesive with excellent solvent and plasticizer resistance.
Medium	Hycar® 2695	Self-crosslinking formaldehyde-free acrylic emulsion use as a binder for glass fiber filter media and construction mats. Excellent adhesion to a variety of plastic and low energy substrates giving the desired performance at low drying and curing temperatures.
Medium	Hycar® 26349	Extremely durable coatings/adhesives. Firm but flexible hand, book cover stock. Solvent and plasticizer resistance.
Medium	Hycar® 26091	Topcoatings with abrasion resistance, high gloss and color stability. Dry cleanable and washable.
Medium	Hycar® 26-1265	Ultra-water resistant. Formaldehyde-free.
Medium	Hycar® 26138	Fabric laminating topcoatings, anti-fray. Outstanding dryclean/launder resistance. Good thermal stability/solvent resistant.
Medium	Hycar® 26348	Hydrophobic, excellent oil and solvent resistance for tape release coatings.
Medium	Hycar® 26450	Fabric stiffener. High crosslink density. Paper saturant, oil resistant.
Medium	Hycar® 26907	Further description: Firm nonwoven binder. Saturant for paper where balanced physical properties are required.
Medium	Hycar® 26172	Hand builder, flame retarding finish (with salt). Blends with Hycar® 26171. Self-thickening.
Medium	Hycar® 26391E	Pleatable window shades. Hand builder. Highly water resistant, very good color.
Medium	Hycar® 26256E	Hand builder. Hard glossy topcoatings. Excellent color.
Medium	Hycar® 26-1475	Ultra water resistant and stiff. Formaldehyde-free.
Medium	Hycar® 26315	Heat sealable. FDA compliant direct food contact. Blends with Hycar® 26288. Excellent water resistance.
Medium	Carbocure™ TSR-72	Stiff, high crosslink density polymers. High temperature dimensional stability, moldability. For saturation and spray bond. Excellent oil and solvent resistance.
Medium	Hycar® 26459	Crosslinkable polystyrene emulsion. Formaldehyde-free.

**Formaldehyde-free and versions with FDA clearances are available on select polymers.

PVC Emulsions

	Product Name	Typical Physical Properties								
		Tg (°C)	Charge	Solids (%)	pH	Specific Gravity	Viscosity (cP)	Heat Reactive	Carboxylated	Description/Suggested Uses
PVC-Acrylic Copolymer	Vycar™ FT-9	-13	A	50	8.8	1.09	150	•	•	Flame-retarding backcoatings with excellent cost/performance vs. compounded acrylic.
	Vycar™ 460X46	+7	A	49	5	1.09	40	•	•	
	Vycar™ 460X119	+37	A	48	7	1.12	40	•	•	Develops excellent cure, even at lower temperatures, with or without catalyst. Offers excellent water and chemical resistance, a range of firmness and contributes to flame retardance. Can be used for lamination, heat sealing and general saturation or spray bond.
	Vycar™ 460X122	+40	N	50	5	1.13	20	•	•	Exceptional mechanical stability. For spraying, padding, printing, coating, etc. Excellent water and chemical resistance. Heat sealable.
Special Copolymer	Vycar™ 460X58	+40	A	49.5	6	1.13	20	•	•	Flame retarding coatings for carpeting and furnishing fabrics, including commercial installations. Polymer system provides unique combination of low flame response/low smoke.
Vinylidene Chloride Copolymer	Vycar™ 660X14	+7	A	49	6	1.23	50	•	•	Special flame retardant coatings. Low MVTR.
	Permax™ 805	+16	A	60	1.7	1.21	80		•	VDC acrylic copolymer provides exceptionally low MVTR. For excellent corrosion and humidity resistance.
PVC Copolymer	Vycar™ 351	+62	A	57	10.3	1.16	20			Product family offers excellent wash/wear resistance, chemical resistance, firmness, flame retardance and is formaldhyde-free. Polymers can be used as-is or with various plasticizer levels to control firmness. Useful as saturant spray or coating.
	Vycar™ 352	+69	A	57	10.3	1.16	202			
	Vycar™ 460X104	+70	A	55	8	1.17	15		•	Economical, stiff, flame retarding, formaldehyde-free. Moldable binder for paper saturation and fiber treatment.
	Vycar™ 460X95	+73	A	51	5	1.15	20	•	•	Excellent color and mechanical stability; salt stable. Can be used for lamination, heat sealing and general saturation or spray bond. Flame retarding.
Plasticized PVC	Vycar™ 578	+11	A	56.5	10	1.12	40			Phthalate plasticized. Adhesives/coatings for vinyl. Dielectric or hot bar heat sealable. Yarn sizing. Exhibits low smoke and very low fogging tendencies (SAE test method). Formaldehyde-free.
	Vycar™ 580X83	+17	A	56	10	1.14	30			Flame retarding finishes for saturation or coating of cellulosic and synthetic fibers. Phosphate plasticized. Acts as dielectric and hot-bar sealable adhesive.
	Vycar™ 577	+19	A	56	10.3	1.09	17			Flame retarding finishes for saturation or coating of cellulosic and synthetic fibers. Phosphate plasticized. Acts as dielectric and hot-bar sealable adhesive.

Adhesives

	Typical Physical Properties					
Product Name	Tg (°C)	Charge	Solids (%)	pH	Viscosity (cP)	Description/Suggested Uses
Carbotac™ 1814	-30	A	55	4.5	80	Pressure sensitive adhesive with moderate tack and peel performance. Suggested for use with substrates where film oil and plasticizer resistance are needed.
Carbotac™ 7197	-35	A	65	6.5	150	High-solids textile coatings/adhesives, very soft, flexible, good wet tack. Exhibits good plasticizer resistance.
Carbotac™ 7446	-55	A	51	7	150	Acrylic pressure-sensitive emulsion with excellent adhesion to treated polyethylene and other low energy substrates.
Carbotac™ 26171	-43	A	50	2.5	125	General purpose adhesive with balance of tack, peel and shear. Self thickening with increasing pH. Formaldehyde-free version of Hycar® 26-1771.
Carbotac™ 7190N	-55	A	54	5	40	Acrylic pressure-sensitive adhesive with high dry tack and excellent adhesion to polyethylene and other low-energy substrates.
Carbobond™ 26387	-23	A	61	5	275	Durable, tough, high-solids acrylic polymer for general purpose adhesives.
Carbobond™ 26373	+5	A	58	2.6	90	Tough, very hydrophobic, high-solids wet laminating adhesive with high green tack. Heat sealable.

Elastomeric Emulsions

	Typical Physical Properties								
Product Name	Tg °C	Charge	Solids (%)	pH	Specific Gravity	Viscosity (cP)	Heat Reactive	Carboxylated	Description/Suggested Uses
Hystretch™ V-60	-60	A	50	8	1.01	40	•	•	Ultra-soft, hydrophobic, slightly tacky. Anti-skid coatings. Excellent dry tack, will not transfer. APE-free version available.
Hystretch™ V-43 FDA	-43	A	50	8	1.03	200	•	•	Very soft and elastic. Backcoatings, anti-pill, nonwoven and paper saturant.
Hystretch™ V-95	-29	A	50	8	1.04	70	•	•	Soft and elastic. Solvent resistant. Outdoor fabric coatings with excellent UV stability, dirt resistance and low temperature flexibility. APE-free.

HyStretch elastomer emulsions are a Lubrizol breakthrough: patented technology yielding a unique combination of polymer properties.
They are as elastic as natural rubber, yet as heat and light stable as synthetic acrylics. Creative formulators have discovered new and innovative applications based on HyStretch emulsions.

Resins for Printing & Packaging Applications

	Technology		Application										Physical Properties					
			Adhesives			Coatings									Density			
Product Name	Water-Based	Solvent-Based	Cold Seal	Wet/Dry Lamination	Pressure Sensitive Adhesives	Heat Seal	High Vacuum Metalization	Hot Stamping Foil	Release Coatings	Overprint Varnish	Digital Ink	Polymer Chemistry	% Solids (+/-2%)	Viscosity (cP)	Specific Gravity	WPG	Tg °C	pH
Carbobond™ 1995E	•			•								Acrylic Emulsion	55	100	1.06	9.2	-30	4
Carbobond™ 26373*	•			•								Acrylic Emulsion	57	90	1.02	8.5	5	3.7
Carbobond™ 26387	•			•								Acrylic Emulsion	61	275	1.03	8.6	-23	5
Carbobond™ 3005*	•					•						Acrylic Emulsion	47	500	1.05	8.8	9	8
Carboset® 514H	•											Acrylic Emulsion	40	200	1.03	8.6	28	7
Carboset® GA1594	•											Acrylic-Supported Emulsion	40	250	1.05	–	33	7
Carboset® GA2956L	•									•		Acrylic-Unsupported Emulsion	45	350	1.03	8.6	105	8.5
Carboset® GA-7424	•											Acrylic-Supported Emulsion	49	600	1.05	8.8	17	8.6
Carboset® GA-7428	•									•		Acrylic-Supported Emulsion	45	900	1.04	8.6	-25	8
Carboset® GA-7436	•											Acrylic-Supported Emulsion	49	300	1.03	8.6	-3	8.6
Carboset® GA-7439	•											Acrylic-Supported Emulsion	48	600	1.03	8.6	31	8.6
Carboset® GA-7824	•									•		Acrylic-Supported Emulsion	48	600	1.06	–	13	8.2
Carboset® GR-9024	•									•		Acrylic-Supported Emulsion	43	550	1.05	–	0	9.0
Carboset® 2659	•									•		Acrylic-Supported Emulsion	32	3200	1.04	8.6	4	8.5
Carbotac™ 1811	•		•	•								Acrylic Emulsion	55	150	1.03	8.6	-43	5
Carbotac™ 1814	•		•	•								Acrylic Emulsion	56	80	0.99	8.3	-30	3.5
Carbotac™ 26171	•			•								Acrylic Emulsion	50	60	1.05	8.8	-43	2.2
Doresco® AC341-2		•						•		•		Acrylic CoPolymer	45	1000	0.96	8.0	136	N/A
Doresco® AC341-7		•						•		•		Acrylic CoPolymer	45	1000	0.96	8.0	153	N/A
Doresco® SA24-1		•						•				Acrylic CoPolymer	45	500	0.97	8.1	134	N/A
Doresco® VMS7591		•					•					Acrylic CoPolymer	42	525	0.98	8.2	83	N/A
Hycar™ 26084	•					•						Acrylic Emulsion	50	125	1.07	–	8	6.1
Hystretch™ 7318	•		•		•					•		Acrylic Emulsion	50	30	1.02	8.5	-60	7
Sancure™ 20025F	•					•				•		Aliphatic-Polyester (PUD)	47	400	1.05	8.8	–	8
Sancure™ 20898	•							•		•		Aliphatic-Polyester (PUD)	32	200	1.06	8.8	–	7.8
Sancure™ AU-4050E	•									•	•	Urethane-Acrylic Hybrid	37	125	1.05	8.7	–	8
Lubrijet™ T805	•										•	Aliphatic-Polycarbonate (PUD)	40	150	1.05	–	–	8
Lubrijet™ N440	•										•	Aliphatic-Polyester (PUD)	31	150	1.05	–	–	8
Lubrijet™ T340	•										•	Acrylic Emulsion	36	150	1.05	–	-25	6.5

Resins for Printing & Packaging Applications

	Key Properties																	
	Substrate				Performance Attributes						Compliance							
Product Name	Plastic Film	Foil	Textiles	Paper & Paperboard	Water Resistance	Heat Resistance	Grease Resistance	Chemical Resistance	Gloss	Clarity	Phthalate-Free	Formaldehyde-Free	Styrene-Free	FDA	EU 10/2011	Swiss Ordinance	Nestle Compliant	Other Properties/Key Benefits
Carbobond™ 1995E	•	•		•	•					•	•		•		•	•	•	Optically clear. Fast drying. High bond strengths for Film/Film and Film/Foil applications such as pouches and multi-walled bags.
Carbobond™ 26373*	•	•		•	•				•	•	•			•	•	•	•	Strong adhesion to polar substrates and high bond strengths. Wet lamination adhesive for paper to film applications. E version of this product does have reduced formaldehyde content.
Carbobond™ 26387	•	•		•	•				•	•	•		•		•	•		Strong adhesion to polar substrates and high bond strengths. Suggested uses pouches and multi-walled bags.
Carbobond™ 3005*	•	•		•	•		•		•	•	•			•	•	•	•	Low temperature heat seal, fast seal time. For applications like lidding, paper flowpacks and paper bags.
Carboset® 514H	•	•						•		•	•	•	•	•	•	•	•	Dries to a clear, water resistant, non-tacky thermoplastic film. Excellent resolubility.
Carboset® GA1594											•	•	•	•	•		•	Use for metallic inks to enhance shelf presence on labels. Excellent resoluability.
Carboset® GA2956L											•	•		•	•			For use as an overprint varnish on labels.
Carboset® GA-7424											•		•	•	•		•	Supported emulsion used with HVM coatings for food packaging.
Carboset® GA-7428	•	•		•	•		•		•		•			•	•		•	High quality WB flexo and gravure inks and OPV for any printing application. Excellent resolubility.
Carboset® GA-7436											•				•		•	Supported emulsion used on high vacuum metallized coatings.
Carboset® GA-7439											•			•	•	•	•	Supported emulsion used on high vacuum metallized coatings.
Carboset® GA-7824				•	•		•				•							Supported emulsion with high water resistance suitable for paper coating to replace plastic lining.
Carboset® GR-9024							•				•							Supported emulsion with high grease resistance suitable for paper coating to replace plastic lining
Carboset® 2659						•			•		•			•	•	•	•	For use as a pre-print OPV on corrugate containers. Excellent mar resistance. Excellent resolubility.
Carbotac™ 1811	•	•		•	•				•	•	•		•	•		•	•	High tack and peel performance. Suitable for 'cold applications' i.e. freezer labels. Blends well with 1814 and 1822.
Carbotac™ 1814	•	•		•	•						•		•	•	•	•	•	High cohesive strength for applications requiring oil and plasticizer resistance. Blends well with 1811 and 1822. Primarily used on labels.
Carbotac™ 26171	•	•		•	•						•		•	•	•	•	•	Good balance of tack, peel and shear. Good heat and light stability. Suggest uses label adhesives.
Doresco® AC341-2	•					•					•	•	•			•	•	Permits the addition of dyestuff to produce transparencies in one step. Solvent is MEK.
Doresco® AC341-7	•					•					•	•	•			•	•	High heat resistance. Excellent for demanding HSF applications. Solvent is MEK.
Doresco® SA24-1	•										•	•	•					Good heat resistance with broad processing window and compatibility. Highly versatile. Performs well in the manufacture of holographic films. Solvent is Toluene.
Doresco® VMS7591	•										•	•	•					Solvent is Ethyl Acetate.
Hycar™ 26084	•									•	•					•	•	Heat sealable lacquer for PET Film.
Hystretch™ 7318							•				•		•	•	•	•	•	Self-crosslinking, ultra-soft with low tack. Easily blends with other polymers. Suggested uses adhesive applications such as cold seal, wet/dry lamination, PSA and for higher anti-skid properties.
Sancure™ 20025F	•	•		•	•			•	•		•	•	•			•	•	Soft. Elastic. Co-solvent free. Low VOC. Externally cross-linkable. Use for tie coats and laminating adhesives. Excellent UV resistance.
Sancure™ 20898	•			•	•	•	•	•	•	•	•	•	•			•		Hard but flexible film with excellent stain, chemical, water and abrasion resistance. Fine particle size.
Sancure™ AU-4050E	•							•	•		•	•					•	Self-crosslinking, APE and NMP Free 1K dispersion provides rapid hardness, mar, scuff resistance, excellent stain and chemical resistance. Vinyl Flooring.
Lubrijet™ T805			•	•							•	•	•					Soft hand, durable and wash resistance. Small particle size for reliable jetting.
Lubrijet™ N440			•	•							•	•	•			•	•	Produces tough durable inks on a variety of substrates. High gloss and good chemical resistance. Small particle size for reliable jetting.
Lubrijet™ T340			•	•							•	•	•			•	•	Produces prints with soft hand and excellent durability.

Resins for Ink Receptive Coatings

	Physical Properties					Substrate					
Product Name	Tg (°C)	Solids (%)	Hand	Viscosity (cP)	Type	Textile	Film	Paper	Suggested Ink System	Suggested Application Method	Description
PrintRite™ DP 234E	N/A	38	Medium	600	Formulated Coating		•		Inkjet Solvent, Eco Solvent & UV	Roller, Bar, Curtain	Matte coating for solvent and UV ink types on film.
PrintRite™ DP 261	N/A	38	Medium	600	Formulated Coating		•	•	Inkjet Solvent, Eco Solvent & UV	N/A	High clarity for transparent applications; excellent adhesion and scratch resistance on polyolefin films, metallics, and other filmic substrates.
PrintRite™ DP 265E	N/A	42	Medium	75	Formulated Coating		•		Inkjet Solvent, Eco Solvent & UV	Roller, Bar, Curtain	Gloss coating for solvent and UV ink types on film.
PrintRite™ DP 316	N/A	20	Soft	50	Formulated Coating	•			Inkjet Water-Based	Impregnation, Spray	Pre-treatment concentrate for water based pigment inks on cotton and poly-cotton blends.
PrintRite™ DP 318E	N/A	23	Soft	75	Formulated Coating	•			Inkjet Water-Based	Impregnation, Spray	Pre-treatment concentrate for water-based pigment inks on cotton and poly-cotton blends.
PrintRite™ DP 338E	N/A	36	Medium	400	Formulated Coating		•	•	Inkjet Water-Based	Roller, Bar, Curtain	A tough absorbent matte coating suitable for both water-based dye and pigment inks; excellent image quality, colour development and water resistance.
PrintRite™ DP 281E	N/A	57	Soft	60	Resin	•	•	•	Inkjet Solvent, Eco Solvent & UV	N/A	Enhanced flame retardance, excellent ink dry times, hard coating; can be repulped.
PrintRite™ DP 282	23	23	Medium	200	Resin	•	•	•	Inkjet Solvent, Eco Solvent & UV	N/A	Excellent print properties, high level of gloss, excellent UV and heat stability.
PrintRite™ DP 375	N/A	32	Soft	500	Resin	•	•	•	Inkjet Water-Based	N/A	Non-ionic PUD that can form the basis of cationic primer formulations.
PrintRite™ DP 379	N/A	30	Soft	150	Resin	•	•	•	Inkjet Water-Based	N/A	Non-ionic PUD that can form the basis of cationic primer formulations; also jettable.
PrintRite™ DP 388	N/A	34	Medium	75	Resin		•	•	Inkjet Water-Based	N/A	Tough, glossy PUD resin with excellent abrasion, water and chemical resistance.
PrintRite™ DP 390	N/A	42	Med	500	Resin		•	•	Inkjet Water-Based	N/A	Produces clear, flexible high gloss coatings with excellent adhesion to a vinyl, metal, paper and plastic substrates.
PrintRite™ DP 675	N/A	42	Soft	150	Resin	•	•	•	Inkjet Water-Based	N/A	Non-ionic for flexibility in formulation; high moisture vapor transmission rate (HMVT), good water resistance.
PrintRite™ DP 676	N/A	30	Soft	50	Resin	•	•	•	Inkjet Water-Based	N/A	Waterborne cationic polymer dispersion for use in pre-treatments for aqueous pigment inkjet printing systems.


Lubrizol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Lubrizol Locations

NORTH AMERICA
Lubrizol Advanced Materials, Inc.
9911 Brecksville Road
Brecksville, OH 44141
USA
+1.888.234.2436

EUROPE
Lubrizol Deutschland GmbH
Max-Planck-Str. 6
27721 Ritterhude
Germany
+49.421.69333

ASIA-PACIFIC
Lubrizol Specialty Chemicals (Shanghai) Co., Ltd
10/F, Park Center International
No. 1088
Fang Dian Road
Shanghai 201204, PR China
+8621.3866.0366

SOUTH AMERICA
Lubrizol do Brasil Aditivos Ltda
Avenida Nove de Julho, 3653
Jardim Paulista
Sao Paulo – SP
01407-000
+55.11.4097.0250

Lubrizol is an innovative, collaborative and trusted partner to the Coatings industry, bringing high-performing dispersant, resin, wax additive, color dispersions, and specialty additive technologies for a wide range of coatings, inks, paper, textiles/ nonwovens, composites and other formulated products. We apply world-class materials science to real-world challenges and collaborate with our customers to enhance the performance, productivity and sustainability capabilities of their products.

www.lubrizol.com/coatings

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