



Sampling of Products

5/1/18

Adhesives

Product Number	Product Name	Viscosity (cps)	Description of Properties
10122	Waterbase Dry Release Coupon Adhesive	~1400	Used with coupon base to produce an IRC.
10137	Waterbase Dry Release Coupon Adhesive-Higher Solids	~1800	Similar to 10122C but may also be used to laminate.
10804/10762	UV Coupon System	~1200 ~250	10804 and 10762 are designed to be used in combination to create a coupon system. 10762 is a release coating that is applied first. It is designed to have 10804 Adhesive deadener applied over, then followed by a ps stock. The system will split when peeled. The deadener is also printable.
10752	UV Release Tight Peel	~250	Unique premium tight peel release coating with no separation. Great performance and no need to worry if it is mixed before use. Works in UV coupon system with deadener.
10804	UV Adhesive Deadener	~1200	Can be used to create areas of no tack on PSA's.
10526F	Waterbase Lamination Adhesive-Higher Solids	~1900	High solids, designed for laminating difficult substrates such as Thermal Paper.
10504	Waterbased Premium Laminating Adhesive	~900	Premium, clear waterbased laminating adhesive for use with films and paper.
10759LA	UV Curable Cationic Premium Laminating Adhesives	~700	For use on laminating difficult substrates. Designed for wet nip application.

10764	UV Curable Premium Laminating Adhesives	~130	For use on laminating difficult substrates. Designed for wet nip application.
764X	Cross linker for use with 10764	~10,000	5:1 10764:764X for very difficult substrates that 10764 does not work by itself. 24 hours adhesion build of a strong bond to almost any substrate. 6-8 hr pot life.
10060	UV Curable Pressure Sensitive Adhesive-High Tack	~1500	UV Curable Adhesive that provides an extremely tacky surface for laminating or as a stand-alone adhesive.
10062	UV Curable Pressure Sensitive Adhesive-High Strength	~4500	UV Curable Adhesive for tough applications that provides good SAFT and peel strength (>4.5lb/in). Can be applied via screen or gravure. Viscosity will reduce with heat or solvent. Design to cure with traditional lamps or LED.
10063	EB Curable Pressure Sensitive Adhesive-High Strength	~4500	EB Curable Adhesive for tough applications that provides good SAFT and peel strength (>4.5lb/in). Can be applied via screen or gravure. Viscosity will reduce with heat or solvent.
10061	UV Curable Pressure Sensitive Adhesive-Cold Foil & Lamination	~3500	Tacky adhesive that can be used in dry bond or wet bond cold foil lamination and traditional laminations.
10647A	UV Pressure Sensitive for use in screen printing applications	~5500	High strength UV adhesive for industrial labels and automotive name plate/label applications. Can be applied via screen and will outperform waterbased adhesives with lower coverage.

Coatings

Product Number	Product Name	Cure Speed FFM (300watt)/ Dose (mJ)	Viscosity (cps)	Description of Properties
10773T	UV Curable Exterior Durable Neutral Primer/Coating	50/155	~330	Exterior durable neutral primer for use with Cationic materials (10759LA).
10774W	Neutral Primer/Coating Fast Cure	100/75	~350	Neutral primer for use with Cationic materials (10759LA).
10774X	Neutral Primer/Coating	65/140	~240	Neutral primer for use with Cationic materials (10759LA).
10805	UV Soft Touch	150/55	~430	UV Soft touch for screen applications requiring high rub resistance.
10316	UV Curable High Performance Dry Erase	150/55	~350	UV Dry Erase for film and paper applications to create a dry erase surface.

10610	UV Curable Anti-fog	50/155	~600	Coating shows great anti-fog properties.
10664	UV Curable Plastic Primer/Coating	100/75	~550	10664 shows excellent adhesion to plastic and can be used as a primer or as a top coating. It is exterior durable and has scratch resistance.
10784	Thermal Imprintable Top Coating	65/140	~180	Coating with excellent adhesion to difficult substrates and receptive to thermal imprinting, laser printing and other forms of decoration.
10767	UV inkjet top coating	50/155	~120	Coating designed to adhere to UV inkjet inks.
10778	High Speed Top Coating (HSTC)	225/15	~110	High Gloss high speed TC. Applied via flexo or roll coater.
10780	High Speed Low Odor Top Coating (HSTC LO)	225/15	~120	High Gloss low odor high speed TC. Applied via flexo or roll coater.
10783	High Speed Top Coating Prop 65 (HSTC P65)	225/15	~230	High Gloss low odor high speed TC. Applied via flexo or roll coater, Prop 65 valid as of (5/1/18).
10766K	Weatherable Water Resistant Top Coating	200/25	~550	Coating for exterior applications or applications that need a high level of water resistance. Designed to be used on plastics, but it will work on other substrates.

Specialty Products

Product	Product Name	Line Speed	Visc (cps)	Description of Properties
AM10020	UV Curable Hard Coating for Plastics	200	300-500	Anilox/Roll Applied Maximum Scratch Resistant Coating.
AM10021	UV Curable Matte Hard Coating	220	400-700	Similar to 10020 but with gloss values as low as 1 at 60 degrees.
AM10084	UV Curable Premium Silver Coating	240	900-1300	10084 gives a nice bright silver appearance on paper or film substrates. Very stable.
AM10085	LED Curable Silver Coating	240**	900-1300	Same product as 10084 but cures with a 395 nm LED lamp.

Applied Molecules will custom formulate and toll waterbased coatings, adhesives, UV curables, 1K and 2K urethanes and epoxies. Please bring us your project and we would be happy to discuss.