

# ADTRAPUR AUTOMOTIVE INDUSTRY AND ASSEMBLY

Type	Product description	Application temperature	Open time*	Viscosity
5101	Reactive hot melt with very short open time, medium viscosity and high initial strength. Application using common application techniques (roller, spray or nozzle application).	100 - 140° C	30 sec.	7,000 - 13,000 mPas at 130° C
5107	Low-viscosity reactive structural adhesive with short open time and high initial and final strength. Application using common application techniques (roller, spray or nozzle application).	100 - 140° C	3 min.	5,000 - 10,000 mPas at 130° C
5199	Reactive hot melt for assembly with short open time, high initial strength and medium viscosity. Application using common application techniques (roller, spray or nozzle application).	100 - 160° C	1 min.	15,000 - 25,000 mPas at 130° C
5203	Reactive structural adhesive with medium viscosity and longer open time. Application using common application techniques (roller, spray or nozzle application).	100 - 140° C	20 min.	8,000 - 12,000 mPas at 130° C
5219	Reactive hot melt for assembly with very short open time, very high initial strength and medium viscosity. Application using common application techniques (roller, spray or nozzle application).	100 - 160° C	30 sec.	15,000 - 25,000 mPas at 130° C
5220	Low-viscosity reactive hot melt for assembly with short open time and high initial strength. Application using common application techniques (roller, spray or nozzle application).	100 - 160° C	1 min.	8,000 - 12,000 mPas at 130° C
5221	High-viscosity reactive hot melt with very high initial strength. Specially suitable for assembly applications. Application using common application techniques (roller, spray or nozzle application).	120 - 160° C	45 sec.	20,000 - 30,000 mPas at 130° C
5221-21	High-viscosity reactive hot melt with very high initial strength. Specially suitable for assembly applications. Application using common application techniques (roller, spray or nozzle application).	120 - 160° C	30 sec.	ca. 25,000 mPas at 130° C
5226	Very low-viscosity reactive structural adhesive with very high initial strength for general bonding. The product can also be used to solidify fibrous materials. Application using common application techniques (roller, spray or nozzle application).	80 - 140° C	2 min.	ca. 2,000 mPas at 130° C
7136	High-viscosity reactive hot melt for general bonding in the automotive industry with medium open time and high initial strength. Application using common application techniques (roller, spray or nozzle application).	100 - 160° C	4 - 8 min.	20,000 - 30,000 mPas at 130° C

\* ADTRACON measurement. | Open time can vary depending on substrate, adhesive application and on the adhesive/substrate temperature.

Type	Product description	Application temperature	Open time*	Viscosity
LE 7136	Reactive hot melt for general bonding for profile wrapping with medium open time and high initial strength. The product does not require any hazardous labelling, monomeric content <0.1%. Application using common application techniques (roller, spray or nozzle application).	100 - 160° C	4 - 8 min.	10,000 - 20,000 mPas at 130° C
9156	High-viscosity reactive hot melt with long open time which is also suitable for lamination and flat lamination. Application using common application techniques (roller, spray or nozzle application).	100 - 140° C	30 min.	13,000 - 21,000 mPas at 130° C
9227	Reactive hot melt for lamination and flat lamination with long open time, very high tack and very high initial strength. Application using common application techniques (roller, spray or nozzle application)	100 - 160° C	30 min.	8,000 - 16,000 mPas at 130° C
9232	Reactive hot melt for flat lamination lamination with long open time, high tack and high initial strength. Application using common application techniques (roller, spray or nozzle application).	80 - 140° C	45 min.	8,000 - 12,000 mPas at 130° C

\* ADTRACON measurement. | Open time can vary depending on substrate, adhesive application and on the adhesive/substrate temperature.

## ADTRACLEAN

Our AdtraCLEAN cleaning systems are used to clean or rinse machine parts or small parts soiled by reactive hot melts.

Type	Product description	Application temperature	Condition
130-21 130-22	AdtraCLEAN 130 is a cleaning powder for rinsing and cleaning roller-application systems which have been used to apply reactive PUR hot melts.	80 - 140° C Softening from 65°C	Powder
300	EVA-based granulate to clean polyurethane applicator devices and heated tubes and nozzles.	115 - 140° C	Blue granulate, liquid at 110°C
400-21	Oily fluid with polyol base for cleaning polyurethane or reactive hot melts from soiled items, e.g. machine parts. At application temperature, the product removes even cured polyurethane adhesives.	160 - 180° C	Liquid