

LORD® 7800 Fast Cure Urethane Adhesive

LORD Urethane Adhesives are two-component adhesive systems used to bond a variety of materials including cloth, paper, plastics, primed metal, foam, rubber and more.



FEATURES & BENEFITS

Excellent Sag Resistance

Thixotropic (Non-sag and gap filling capability).

Consistent Cure Speeds

Low Cure Exotherm (Rate of cure less affected by bondline thickness).

Equal Mix Ratio

Easy to mix and apply.

Enhanced Regulatory Profile

Heavy metal free.

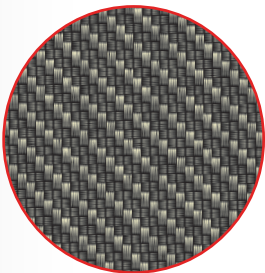
Gravity Feed Possible

In addition to cartridges.

Environmentally Recommended

Does not contain ozone depleting chemicals.

SUBSTRATES/APPLICATIONS



Thermoset Composites



Engineered Plastics



Painted Metal

TYPICAL PROPERTIES*

	7800A Resin	7800C Curative	7800D Curative	7800E Curative	7800F Curative
Appearance	Black Liquid	Tan Liquid	Tan Liquid	Tan Liquid	Tan Liquid
Viscosity, cP @ 77°F (25°C)	20,000	35,000	35,000	35,000	35,000
Density lb/gal (kg/m ³)	11.3-11.6 (1357-1393)	10.2-10.7 (1224-1285)	10.2-10.7 (1224-1285)	10.2-10.7 (1224-1285)	10.2-10.7 (1224-1285)
Flash Point (Closed Cup), °F (°C)	>200 (>93)	>200 (>93)	>200 (>93)	>200 (>93)	>200 (>93)

*Data is typical and not to be used for specification purposes.

TYPICAL PROPERTIES* OF RESIN MIXED WITH CURATIVE

	7800 A/C	7800 A/D	7800 A/E	7800 A/F
Mixed Ratio by Volume, Resin to Curative	1:1	1:1	1:1	1:1
Solids Content by Weight, %	100	100	100	100
Working Time, min @ 75°F (24°C)	3	5-6	11-12	18-20
Time to Handling Strength, min @ 75°F (24°C)	12	25	45	80

*Data is typical and not to be used for specification purposes.

CURING – LORD 7800 adhesive will cure to full strength in 24 hours with an ambient cure temperature. This curing speed is slightly humidity dependent and can be accelerated with heat.

SURFACE PREP

- Solvent wipe
- Sand

PACKAGING

- 50 mL Cartridge
- 200 mL Cartridge
- 400 mL Cartridge
- 5 gal Pail
- Drum

TYPICAL PROPERTIES* POST APPLICATION

	LORD 7800
Lap Shear Strength, psi	1000-2500
Peel Strength, psi Cross-Peel	250-500
Temperature Range	-30°C to 80°C
Elongation	130%
Tensile Strength, psi	3000

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For more information visit us at LORD.com or call +1 877 ASK LORD (275 5673).

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