



7556

Equal-Mix, Clear Urethane Adhesive

Description

Lord® 7556 is an equal-mix two-component clear urethane adhesive. Lord 7556 adhesive bonds Lexan, ABS, polycarbonate and other plastics. Lord 7556 adhesive will also bond primed metals.

Features and Benefits

Nonflammable - safer for workers. Does not require expensive explosion-proof equipment. Will not deplete the ozone.

Environmentally and Chemically Resistant - resists sunlight, weathering, humidity, and salt spray. This adhesive is solvent resistant once it has cured. Painting and most cleaning processes do not affect bond strength.

Surface Preparation

Prior to mixing and applying this adhesive, the bond surface should be free of dirt, oil contamination and loose particles. For most plastics, cleaning the surface with a clean, dry cloth or a cloth dampened with isopropyl alcohol will suffice. Metal surfaces should be primed or grit blasted and solvent washed, followed by priming for optimum bond performance.

Mixing

This adhesive is designed for use with Lord-Pak™ hand held cartridges. The minimum recommended static mixer contains 24 elements. Open time is one to two minutes at 24°C (75°F).

Typical Properties* of Lord 7556 Adhesive

	Lord 7556A	Lord 7556B
Appearance	Clear	Clear
Consistency	Liquid	Liquid
Viscosity, cP at 25°C (77°F)	40,000 - 200,000	100,000 - 300,000
Density g/cc lb/gal	1.16 ±.1 9.64 - 10.04	1.10 ±.1 9.2 - 9.6
Percent Solids by weight	100	100
Flash Point (closed cup)	>93°C (>200°F)	>93°C (>200°F)
Mix Ratio by volume	1	1
Shelf Life, from date of shipment at 21°C - 27°C (70°F-80°F), unopened container	6 Months	6 Months

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

Application

A 12.5 mm (one-half inch) diameter bead of Lord 7556 adhesive has an working time of three to five minutes at 24°C (75°F). Handling strength will develop in less than one hour at room temperature. Full strength is achieved in approximately 72 hours.

Storage

Lord 7556 is moisture sensitive. For maximum shelf life, cap with dry nitrogen after opening. Shelf life of Lord 7556 adhesive is six months from date of shipment when stored at 4°C - 27°C (40°F - 80°F) in original, unopened containers.

Cautionary Information

Before using this or any Lord product, refer to the Material Safety Data Sheet (MSDS) and label for safe use and handling instructions.

For industrial/commercial use only. Must be applied by trained personnel only. Not to be used in household applications. Not for consumer use.

Values stated in this bulletin represent typical values as not all tests are run on each lot of material produced. For formalized product specifications for specific product end uses, contact the Customer Service Department.

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The logo for LORD, with the letters in a bold, sans-serif font. The letter 'O' is stylized with a circular cutout in the center.