

LORD® 7610DTM Direct-to-Metal Seam Sealer & Adhesive

Description

LORD® 7610DTM direct-to-metal seam sealer & adhesive is a single-component, moisture-cure adhesive and seam sealer offering excellent adhesion to various substrates including many plastics, glass, concrete, wood and metals, especially precoated metals.

Features and Benefits

Durable – creates high strength bonds, replacing mechanical fastening methods; exhibits excellent primerless adhesive properties.

Convenient – requires no mixing; cures quickly even at low temperatures; requires no ovens or other heat sources for curing.

Chemically Resistant – solvent resistant when cured. Painting and most cleaning processes do not affect bond strength.

Temperature Resistant – can be applied at temperatures from -75 to +350°F (-59 to 177°C).

Environmentally Resistant – resists weathering and aging; provides excellent resistance to UV exposure.

Non-Sag – remains in position when applied on vertical or overhead surfaces, allowing for greater process flexibility.

Application

Surface Preparation – Clean and dry surfaces prior to adhesive application. Surfaces should be free of grease, dirt and other contaminants.

Applying – Using a handheld cartridge, apply LORD 7610DTM adhesive to substrate and mate the parts within the work time of the adhesive. Do not allow the adhesive to dry tack-free before mating parts.

Curing – Through cure will vary depending on temperature and humidity. Product cures 1/8 inch every 24 hours. Product thickness will determine full cure time. Cured product may be painted with most industrial and consumer paints.

Cleanup – Use isopropyl alcohol (IPA) to clean up adhesive. Once cured, any remaining adhesive can be removed mechanically.

Typical Cured Properties*

Skin Time/Work Time, min @ 77°F (25°C), 50% RH	< 45
Hardness Shore A	50
Tensile Strength, psi (MPa)	475 (3.28)
Lap Shear Strength, psi (MPa)	550 (3.79)
Elongation, % ASTM D412	500



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

LORD TECHNICAL DATA

Shelf Life/Storage

Shelf life is one year when stored in a well ventilated area at or below 80°F (27°C) in original, unopened container.

Once cartridge has been opened, leave the dispense tip on to act as a seal against moisture.

Cautionary Information

Before using this or any LORD product, refer to the Safety Data Sheet (SDS) 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 technical data sheet 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 Support Center.

Information provided herein is based upon tests believed to be reliable. In as much as LORD Corporation has no control over the manner in which others may use this information, it does not guarantee the results to be obtained. In addition, LORD Corporation does not guarantee the performance of the product or the results obtained from the use of the product or this information where the product has been repackaged by any third party, including but not limited to any product end-user. Nor does the company make any express or implied warranty of merchantability or fitness for a particular purpose concerning the effects or results of such use.

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