

LOCTITE*Adhesives for more
reliable assemblies***APPLICATION CASE HISTORY****No. 203**

Toughened Instant Adhesive Provides A Quick Solution On Soft Drink Bottling Line

New Adhesive Can Take The Pressure

Maintaining the high speed production line of a soft drink bottling operation can be quite a chore for maintenance personnel and plant supervisors.

Problem:

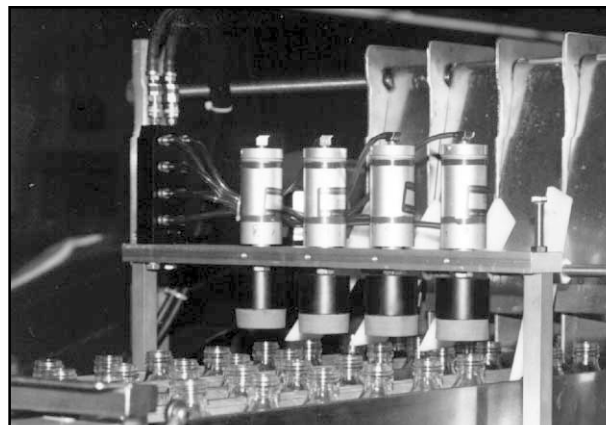
One customer was pressing bottle caps into place with a rubber block bonded to an anodized aluminum block by a solvent-based rubber cement. Bonds were failing due to the low strength of the cement and the high pressures exerted by the force of the pressing pistons. Slow room temperature cures were causing excessive downtimes, shutting down lines on a regular basis.

Solution:

Black Max® Toughened Instant Adhesive is a one-part, fast-curing instant adhesive. It has very high impact and thermal shock resistance, and bonds metal, rubber and plastics in just seconds.

Results:

The new bonds made with Black Max Instant Adhesive were strong enough to withstand the constant pressure and saved over \$3,300 in materials and labor costs. Production was increased due to a significant decrease in unscheduled downtime.

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