

PROBLEM SOLVER

JUST THE TICKET FOR EXTREME APPLICATIONS

LOCTITE®

Problem: A manufacturer of outdoor ticket dispensers was experiencing problems when the machines were installed outside with self-service use. The existing adhesive solutions used bonding Ferrite magnets to a cast aluminium, and were not withstanding the extremes of temperature and vandalism.

Solution: **LOCTITE HY 4090** adhesive technology was successfully used to bond the magnets to the disc in the ticket machine.

LOCTITE HY 4090 can withstand temperatures from -40 to +150°C and therefore the ideal product to withstand the temperature extremes. It also has very good humidity resistance, an added bonus as the units can accumulate condensation. The company also since used the adhesive to bond plastic and metal fixtures that were previously been detached due to vandalism.

LOCTITE HY 4090 is one of a range of Hybrid technology products from Henkel extending the limits where adhesives can be used.

General
Engineering



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