

PROBLEM SOLVER

QUICK AND EASY FAST BONDING

LOCTITE®

Problem: A manufacturer of plastic moulds was experiencing failures and damage of inlet and outlet tubes on their moulds. This was costing time and money in drilling out and replacing the water inlet ports which are subject to temperatures of 100°C.

Solution: Using the new LOCTITE Hybrid adhesive technology, LOCTITE 4070, a new design for the inlet and outlet ports on the mould was possible. LOCTITE 4070 is a 2-part, cyanoacrylate/acrylic hybrid gel adhesive that provides a fast fixture at room temperature, bonding gaps up to 5 mm. Suiting various substrates including most plastics, rubbers and metals.

The solution provided the fast bond strength required for the design of the mould, high temperature resistance, durability and was quick and easy to apply. Thus the time and cost wasted in repairing the ports on an ongoing basis, was eliminated.

General
Engineering



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