

# Case study: SpeedMask - application time reduced from 4 hours to 14 minutes

The masking process at [MTU Aero Engines](#), a leading German manufacturer of military and civil aircraft engines, used to involve tapes, silicone rings, masks and metal covers all manually fitted and applied by operators. So when production planner Thomas Kaltenecker discovered and implemented [Dymax SpeedMask](#), a UV-curing temporary masking liquid, alongside an automated dispensing and curing system featuring the [preeflow eco-PEN volumetric dispensing valve](#), the team breathed a big sigh of relief.

The results:

- greater throughput
- near zero tolerance achieved in application
- less scrap
- a significantly faster process
- capacity to take on more customer orders

What MTU have put together, between their automated system and their choice of material, is really savvy engineering, and combines several best-in-class technologies to create something that will significantly benefit their productivity for years to come. Congratulations to Thomas and his colleagues for achieving such substantial process improvement.

# Case study: SpeedMask - application time reduced from 4 hours to 14 minutes

## CASE STUDY

**intertronics**

adhesives, coatings, sealants & equipment  
for your manufacturing and technology applications

**Dymax  
SpeedMask**

Temporary masking  
liquid

**preeflow eco-PEN**  
Volumetric dispensing  
valve



[Read the case study](#) to find out more about how MTU Aero Engines have revolutionised their masking process.

Supplied by:

**intertronics**

INTERTRONICS

12a Station Field Industrial Estate, Banbury Road, Kidlington

Oxfordshire England OX5 1JD

t 01865 842842 e [info@intertronics.co.uk](mailto:info@intertronics.co.uk)

# **Case study: SpeedMask - application time reduced from 4 hours to 14 minutes**

Last updated: April 2023

Statements, technical information and recommendations contained herein are based on tests we believe to be reliable but they are not to be construed in any manner as warranties expressed or implied. The user shall determine the suitability of the product for his intended use and the user assumes all risk and liability whatsoever in connection therewith.