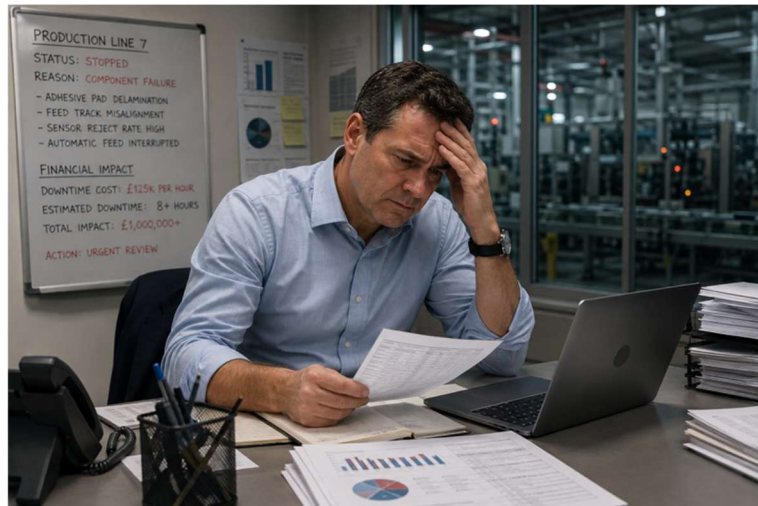


Why automation failures often start upstream — not on the production line

As automation becomes more capable, many manufacturers are surprised to find that downtime, waste and rework still persist.



In our experience, the causes are rarely the machine, the adhesive, or the operator.

They sit upstream.

Small decisions made early — around how components are engineered, cut, positioned on the feed roll, how liners behave at speed, or how waste is removed — can have an outsized impact once a process is running at volume.

By the time these issues appear on the line, they're already creating **costly bottle necks** that are **expensive to fix**.

We see this particularly clearly in regulated, high-volume environments such as drainable ostomy pouch manufacture, where automated self-adhesive component application has to operate with extreme consistency.



Over time, we've found that automation reliability is increasingly defined by presentation accuracy and upstream decision discipline, rather than chemistry or equipment alone.

That thinking led us to develop **ACCURiX™** — a class designation applied only to products **engineered specifically for automated application**.

Not as a product launch.

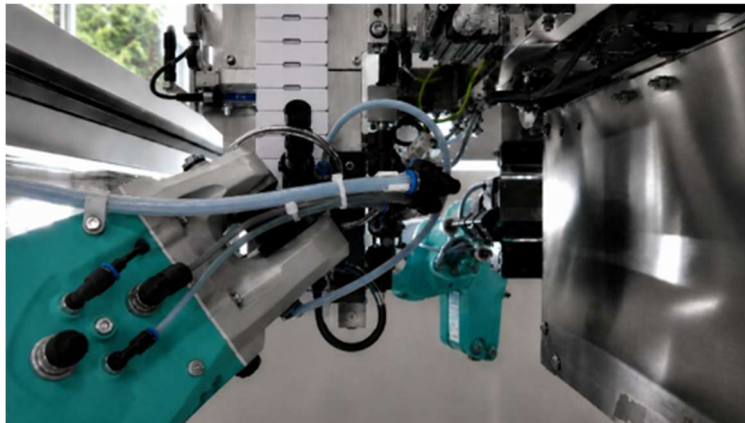
Not as a marketing label.

But as a way of making upstream decisions visible, intentional and repeatable.



Because when it comes to automated application, the real work often happens long before production begins.

ACCURiX™ by Suretech = Engineered Self-Adhesive Components for **Process Capability, Not Just Function**



The economics of automation are increasingly determined by variables that traditional component specifications rarely measure.

Most adhesive components are designed to satisfy a functional requirement. They adhere, seal, fasten, protect or identify. Yet in highly automated manufacturing environments, **functional performance alone is no longer sufficient**.

The component must also **behave predictably** as part of a dynamic production system.

In many cases automated equipment does not compensate well for variation. Issues are often amplified and that is where the trouble begins.

A variation in part position. A slight inconsistency in release force. Incomplete matrix removal. Liner instability. Variable die-cut penetration. Inconsistent physical properties such as rigidity or dimensional stability. Static charge accumulation. Each may appear insignificant in isolation, yet each has the potential to **reduce overall equipment effectiveness, increase reject rates, trigger operator intervention or create unplanned downtime.**

These costs are rarely considered on a component drawing or during budget planning.

They appear in labour utilisation, production throughput, machine availability, scrap rates and **missed output targets.**

ACCURiX™ was established by Suretech to address these upstream causes of automation inefficiency.

Rather than defining what a component does, **ACCURiX defines how consistently it can be presented to an automated process.**

Products carrying the ACCURiX designation are manufactured using enhanced materials and process controls focused specifically on automation performance. These controls may include precision management of die-cut depth to minimise liner fracture and adhesive seepage, tighter dimensional tolerances, enhanced positional accuracy on the carrier web, controlled release characteristics, optimised matrix extraction and near-zero missing component rates.



The objective is not simply improved component quality. The objective is to improved process capability by minimizing stoppages.

In practical terms, this **means reducing sources of variation** before they enter production. Automated application systems can operate at higher confidence levels when component presentation is predictable, repeatable and stable. Machine settings remain optimised for longer periods. Changeovers become more repeatable. Inspection systems experience fewer false rejects. Production teams spend less time reacting to intermittent faults and more time achieving target output.



For operations leaders, the result is **improved overall equipment effectiveness** and **greater manufacturing predictability**.

For quality teams, it means **reduced process variation** and **enhanced repeatability**.

For finance leaders, it **means lower total manufacturing cost** through **reduced waste, fewer stoppages, improved labour efficiency and greater utilisation of capital equipment**.

As automation speeds continue to increase and production tolerances become more demanding, the distinction between a component that functions and a component that also enables reliable automation becomes increasingly important.

ACCURiX represents that distinction.



“In modern manufacturing, a component’s performance should not only be measured by what happens after it’s been applied. Its’ behaviour leading up to and during application is now an equally, if not more important consideration”.

Oliver Taylor - Managing Director | Suretech Adhesive Tapes Limited

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