

**CURTISS -  
WRIGHT**

# Peenflex - Component Protection

[www.cwst.co.uk](http://www.cwst.co.uk)

## COMPANY PROFILE

Curtiss-Wright Surface Technologies (CWST) offers a single source solution and point of contact for all your surface treatments. We can reduce your turnaround times and costs through our network of over 75 worldwide facilities.

Our proven surface treatments meet industry demands for lighter materials, improved performance and life extension in key markets such as Aerospace, Automotive, Energy and Medical. We can prevent premature failures due to fatigue, corrosion, wear, galling and fretting.



Surface Technologies is a Division of Curtiss-Wright (NYSE:CW) a global innovative company that delivers highly engineered, critical function products and services to the commercial, industrial, defense and energy markets. Building on the heritage of Glenn Curtiss and the Wright brothers, Curtiss-Wright has a long tradition of providing reliable solutions through trusted customer relationships.

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Each year, industry suffers unnecessary delays and costs due to component handling damage.

**Our Peenflex damage and abrasion resistant mouldings are a simple but cost effective solution to the protection of component parts through the various stages of processing, lifting, moving, storage and despatch.**

We initially developed our own range of Peenflex mouldings to mask and protect components as they were being processed and handled, with each mould tailored to a specific area of the component. These mouldings now form an integral part of our protection systems for tooling and components.

Having seen how well these mouldings performed, we then started to receive interest from customer's to supply mouldings for their own applications and we now offer them a complete service.

We have a specialist damage review team who can assess a component to establish the most vulnerable areas either from handling or processing. A sample selection of mouldings are prepared and rigorously tested to ensure high quality wear resistance, which will enable them to be recycled many times through the handling and processing stages.

Peenflex is a successful and cost effective solution to damage prevention, reducing unnecessary costs resulting from delays and rework.



For more information on all our services and full worldwide contact details: [www.cwst.co.uk](http://www.cwst.co.uk)



## APPLICATIONS

### TYPICAL APPLICATIONS

- Masking of sensitive parts during peening, blasting and coating processes
- Creating wear-resistant inserts to reduce the cost of tooling replacement
- Casting onto lifting equipment to prevent common damage
- Close protection of sensitive inspection equipment, tooling, gauges, expensive cutting tools and masters
- Repairs to existing mouldings
- Replacements for high value components made from similar materials
- Bonding to wheels, rollers and plates

### PROTECTION ASSESSMENT, TRIAL AND APPROVAL

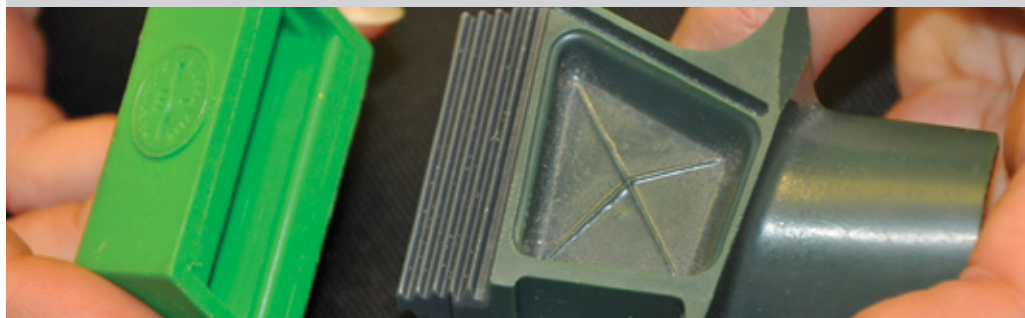
By studying customers' components, drawings, processing or handling problems, we will accurately assess and propose solutions to reduce damage, inspection and rework costs.

Sample mouldings will be produced for customers' own in-house assessment and trials.

Following these trials, approval of initial samples and order placement, production volumes will be supplied to meet demand.

This process ensures the development of a high quality and cost effective product designed to meet customers' specific and exacting requirements.

These mouldings form an integral part of the comprehensive tooling and component protection service which has been developed to meet our needs and that of our customers to prevent handling damage.



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