



Supply Partner for Easylift®

Kevin Porter

Tecman Speciality Materials Ltd

Kevin.porter@tecmanuk.com

+44 (0) 1926 337466

TECMAN SPECIALITY MATERIALS LTD		
	http://www.tecmanuk.com	<input type="checkbox"/>
ISSUE NO. 1		

Presentation Outline

- **Our Company**
 - Advanced Material Engineers
 - Manufacturing Capabilities
 - A Proven Partner
- **Easylift® Case Study**
 - The Challenge
 - The Solution
 - The Outcome



Our Company

- **Advanced Material Engineers**

- A deep understanding of the science of adhesion, chemistry of bonding technology, physical properties of materials, the engineering challenges of applications combined with industry knowledge
- In-house product development with ground-breaking technologies
- Winners of several InnovateUK grants for the development of new adhesive technologies
- A Global reach for sourcing new materials
- Firmly believe nothing is impossible in our field of expertise



Our Company

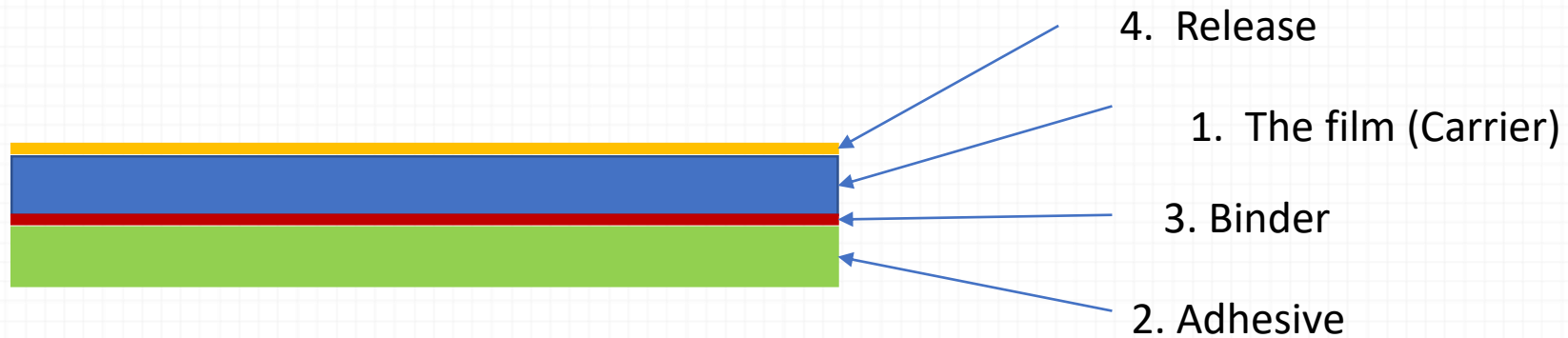
- **Advanced Manufacturing Capabilities**

- In-house manufacturing facility with innovative capabilities
- Ongoing investment in people, resources, and manufacturing equipment
- Facility includes some of the most advanced processes in our field
- Intelligent product configuration to optimise components
- R&D Centre



Our Technology

- Adhesive Tape
 - Up to 4 layers on a single sided adhesive tape



Our Technology

- Film
 - PET, BOPP, MOPP, PE, PVC, PI or... Easylift Film



1. Film (Carrier)

Our Technology

- Adhesive
 - Acrylic, Rubber, silicone



2. Adhesive

Easylift[®] Case Study – The Challenge

- **The Challenge**

- 2015 – Tecman is introduced to the world of crime scenes!
- Team at Staffs Uni are looking for an adhesive tape for collection of fibre evidence at crime scenes.
- Conventional film carriers used on standard off-the shelf products proved unsuitable
- Collaborative research into the film types resulted in a successful conclusion
- In parallel came consideration of the adhesive type
- Once these came together, we had to consider how the product would be used. Enter the SOCO's...

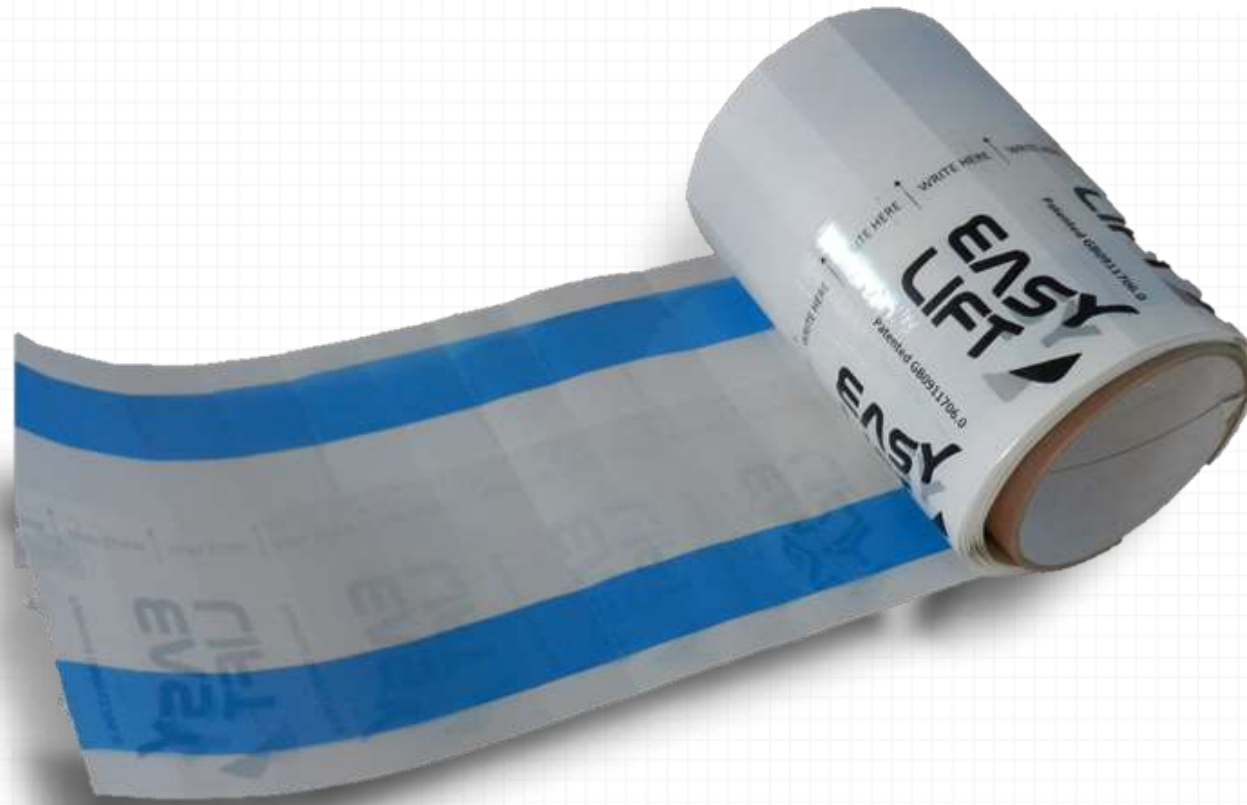
Easylift® Case Study – The Solution

- **The Solution**

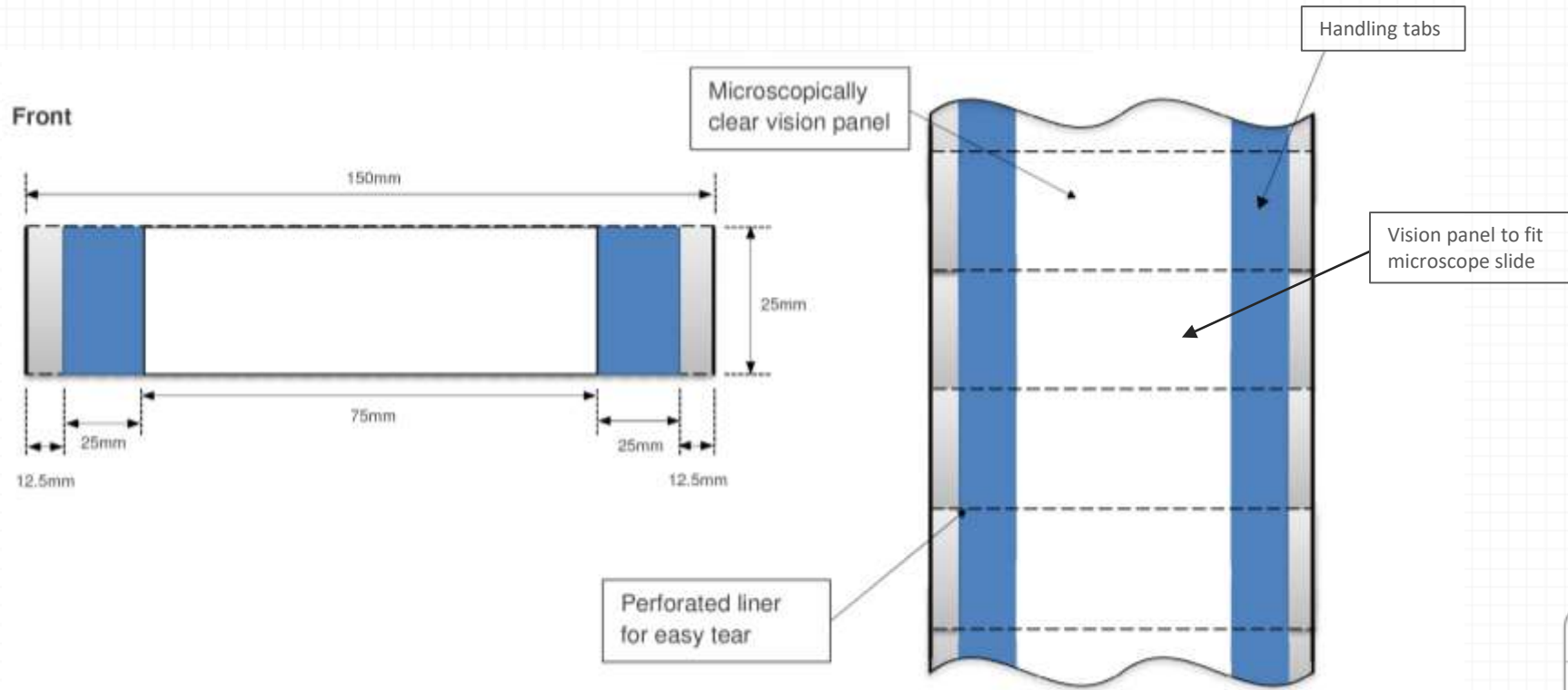
- The solution came about through collaboration with all involved parties
 - Technology inventors/owners
 - Raw Material manufacturers
 - Part Manufacturers
 - Users
- Using a very specific film, we coated this with a selected adhesive. This achieved the technological results.
- Next came the design considerations where we looked at how the product was going to be used
- Tracing the process from start to finish, we ended with



Easylift® Case Study – The Outcome

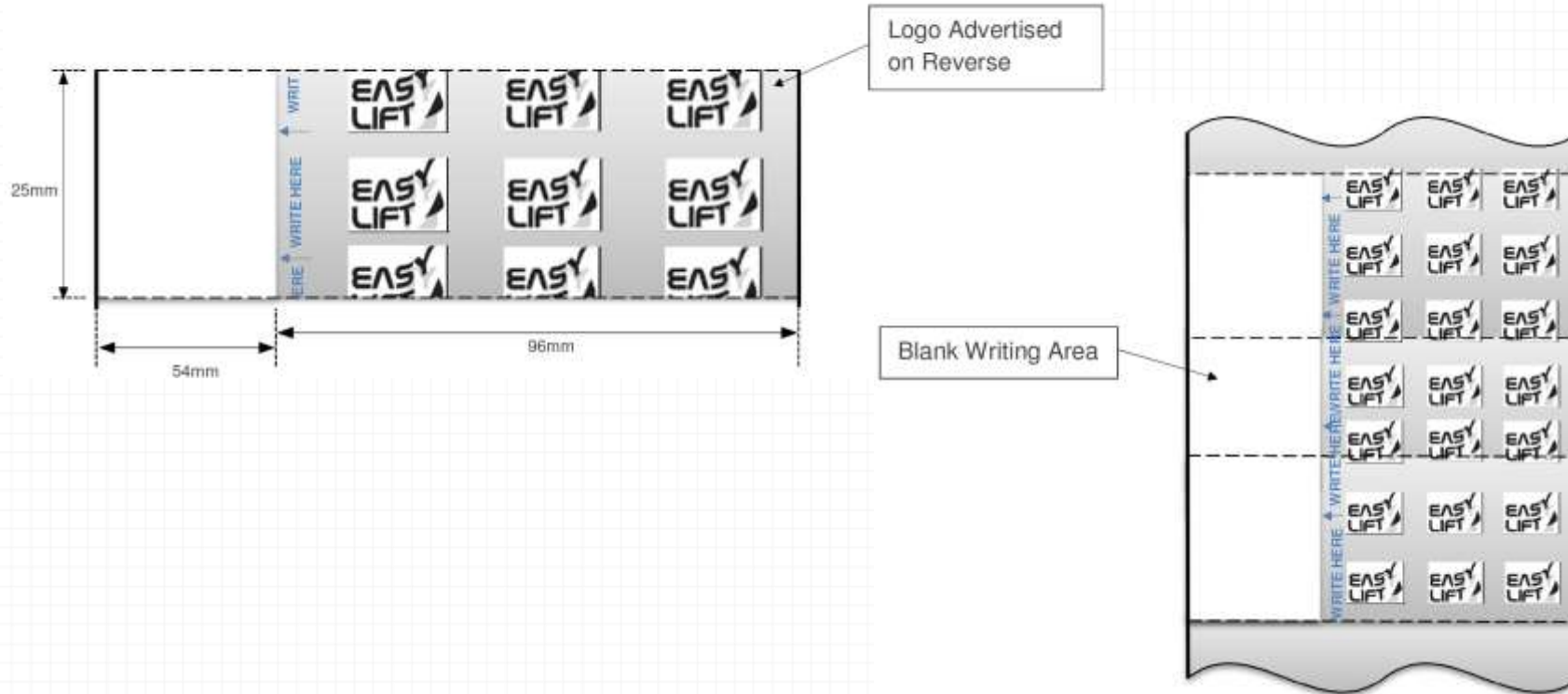


Easylift[®] Case Study – The Outcome



Easylift® Case Study – The Outcome

Reverse (Backing Liner)





Your Supply Partner for Lift Tape

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TECMAN

ADVANCED MATERIAL ENGINEERS

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