

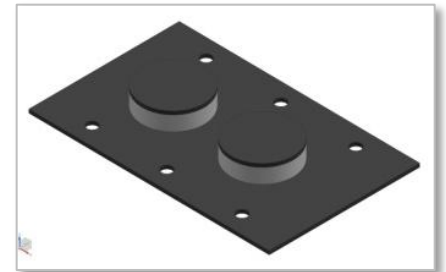
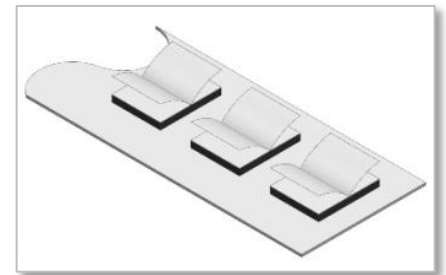


WORLD OF CONVERTING: WHAT HAPPENS TO YOUR TAPE

Michael Punter
Parafix Holdings Ltd

The basics – what we can do with it

- *Slit* – to a larger range of measurements than suppliers offer, including non-standard
- *Laminate* – creating multi-layer materials from the same or different suppliers
- *Die-cut* (rotary, flat-bed) – to extremely tight tolerances
- *Laser cut* – for very intricate designs
- *Convenient presentations* – designed in for easy application
- *Automated solutions* – for placement of difficult to handle die cut parts



The benefits to the customer

Save money through more efficient operations:

- Reduced assembly times with convenient application aids such as location holes, tabbed liners and automated application equipment
- Reduced waste
- Cleaner than traditional fixing methods e.g. liquid adhesives and welding

Make money through improved products:

- Superior aesthetics from greater design options and invisible bonding
- Achieve desired weight, mass and size of product
- Consistent quality and reduced product rejects

Where it goes – typical markets

Automotive

Healthcare

Electronics

Aerospace

Industrial

**Renewable
Energy**

Military

Packaging

Marine

Signage

**Graphics &
Printing**

Security

Flooring

Furniture

Lighting

Automotive Applications



Door mirror attachment

Automotive Applications



Bumper attachment

Automotive Applications



Engine cooling

Automotive Applications

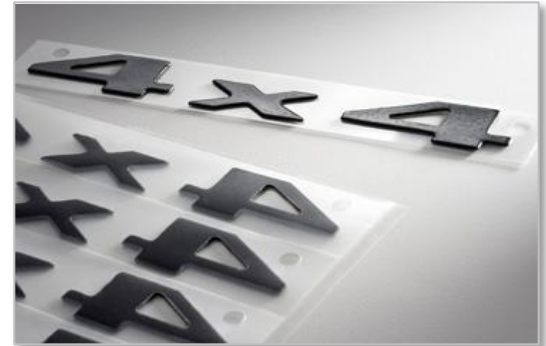


Convenient cup holders

Automotive Applications

External

- Emblem & antenna bonding
- Door mirror & lighting assemblies
- Parking sensors
- Braking systems
- Temporary masking



Automotive Applications

Internal

- Electronic motors
- Power steering
- Dashboard lighting
- Telematics
- Control panel/handle dampening



Healthcare



Wound care

Healthcare



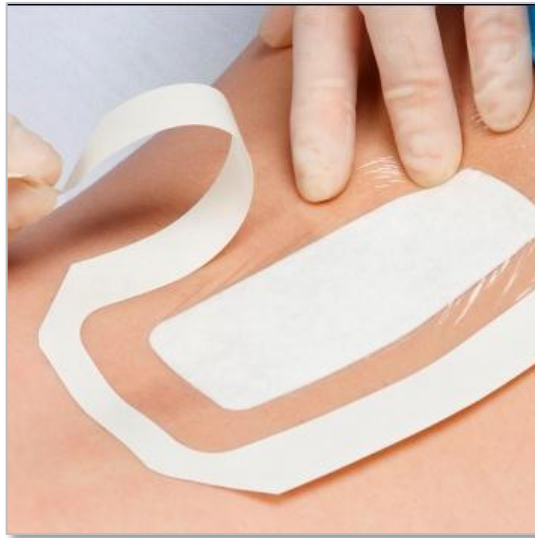
Blister protection

Healthcare



Bandage attachment

Healthcare

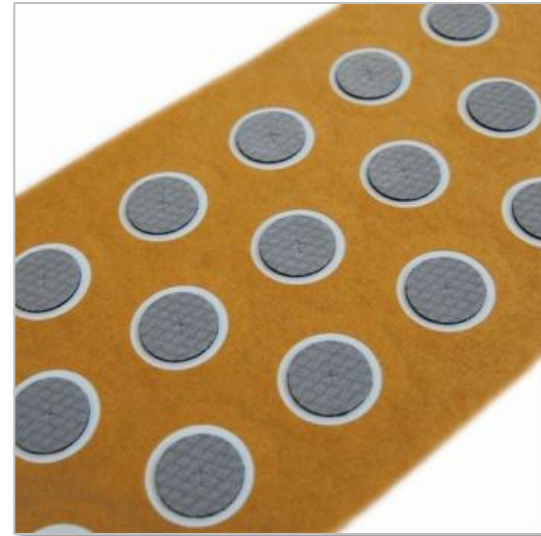
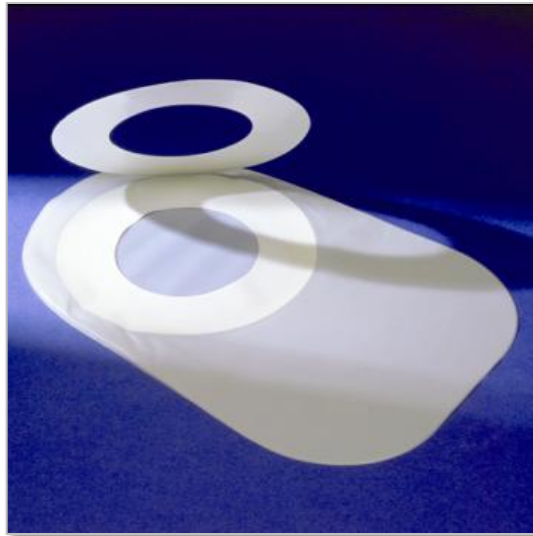


Wound care



Diagnostics

Healthcare



Ostomy fixation and venting

Industrial Applications



Electricity pylons

Industrial Applications



Construction

Industrial Applications



Signage

Heating, ventilation and
air conditioning (HVAC)



Building & Interiors



Building panel attachment

Building & Interiors



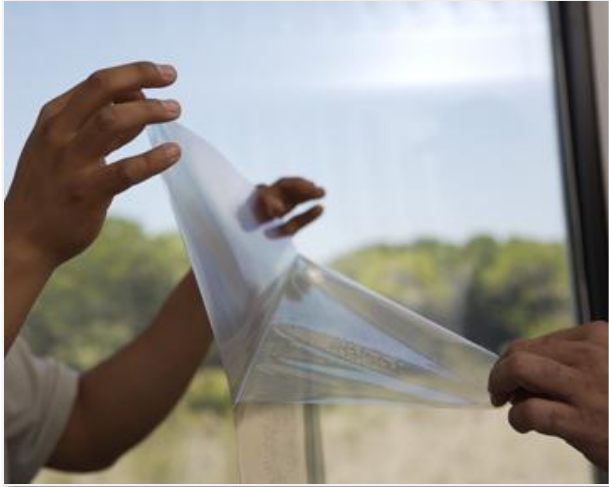
Window sealing

Building & Interiors



Furniture assembly

Building & Interiors



Window protection



Intricate masking

Building & Interiors



Professional dance floor
suspension systems

Electronics



Protection

Electronics



White goods assembly

Electronics



Electronics assembly

Electronics



Screen bonding



Electrical insulation



Vibration dampening



Bezel bonding

Packaging



Easy open



Protective



Security

Packaging



Beer font labelling



Reclosable packaging



Decorative packaging

Aerospace



Window
sealing



Vibration
dampening

Aerospace



Erosion protection on leading edge of propellers and wings

Pressure sensors



Fashion Tape Applications



Reclosable



Reinforcing

Fashion Tape Applications



Waterproofing



UV protection



Sealing

Fashion Tape Applications



Body gems



Nail decoration



Face decoration

Fashion Tape Applications



Nipple covers



Invisible bras



Secure clothing

Miscellaneous



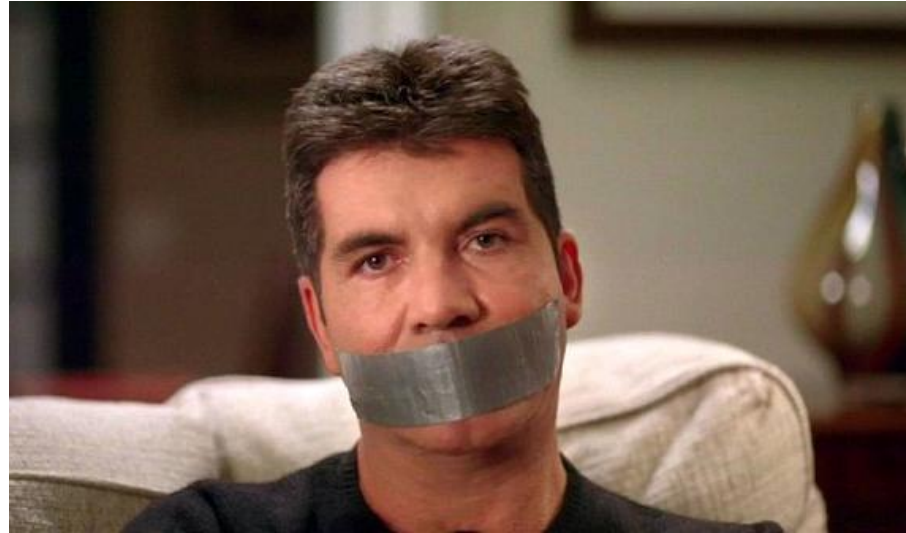
Help the aged

Miscellaneous



Childcare

Sound dampening!



Even duct tape can't fix stupid, but it can muffle the sound!

Our strangest requests

We receive over 500 enquiries a month. We don't convert them all, if you excuse the pun!

But if you were to visit Parafix, or any speciality non-graphic converter, you would be amazed at the variety of applications and usage of your tape.

Below are some of our strange ones!

- Bonding a tracking device to a tortoise shell
- Nipple covers for piglets
- Grape vine pollination aids with pheromone impregnated adhesive tape
- Vermin traps (e.g. mouse/cockroach) for use in container lorries transporting food products
- Slug repellent – copper tape around plant pots, connected to a 9v battery to stop slugs getting to plants

In conclusion

- You can come into contact with one of our products 30 times a day without realising it
- Examples of the value to the PSA tape producers of supporting a sale of a converted component includes:
 - Higher square metre selling price, sometimes up to x 50
 - Much securer sale
 - Design in opportunity
- Use of PSAs is under appreciated by engineers throughout Europe and sometimes PSA sales engineers
- The value of the converted part to drive out waste and improve efficiency remains a growth opportunity
- On a personal note I'm very proud that Afera not only supports the above statements but is working very hard to address them on behalf of the whole of the European PSA market