



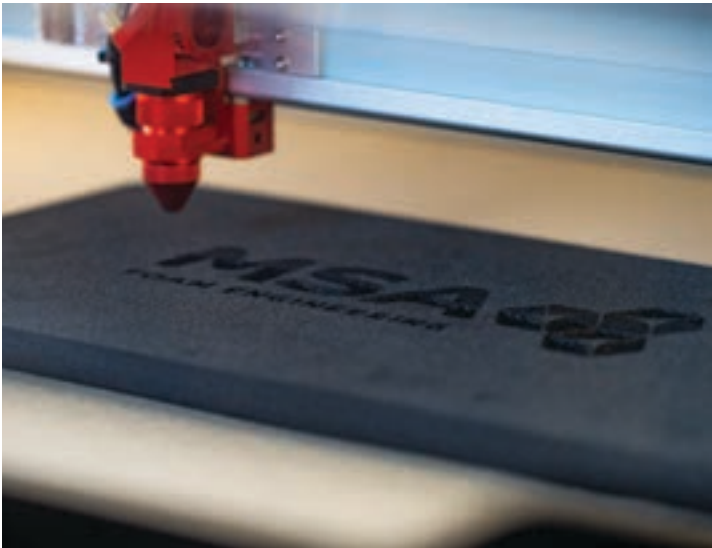
**CERTIFIED TO DESIGN & MANUFACTURE
MILITARY LEVEL PACKAGING**

WE ARE MSA FOAMS.

MSA Foams is a specialist foam converter.

- ISO9001 Accreditation including MPAS (Military Packager Approval Scheme)
- ISO14001 Environmental Accreditation
- Zotefoams PLC Approved Converter
- Joscar Approved
- Make UK Defence Member

Our team has over 30 years combined experience in the foam industry, with extensive knowledge across a wide range of industries, including defence, automotive, aerospace and more.



ZOTEFOAMS

We are a UK Specialist Converter accredited by Zotefoams, using cross-linked block foams such as Plastazote® and Evazote®.

Zotefoams produce foams that have controlled properties and are of a strength, consistency, quality and purity superior to those produced by other methods. Polyethylene and polyurethane foam is also available for other projects.



NSN 8145-99-151-3691

MILITARY PACKAGER APPROVAL SCHEME (MPAS)

MSA Foams is accredited to design and manufacture military packaging. MPAS ensures that Military Level Packaging meets the MOD requirements for safe handling, storage and transportation etc., within the military supply chain in a cost effective manner.

Following a rigorous training scheme, MSA's Senior Designers are now certified to authorise SPIS designs for Military level packaging, as supplied to the MOD under Defence standard 81-41, DEFCON 129 and the Defence Logistics Framework (DLF).

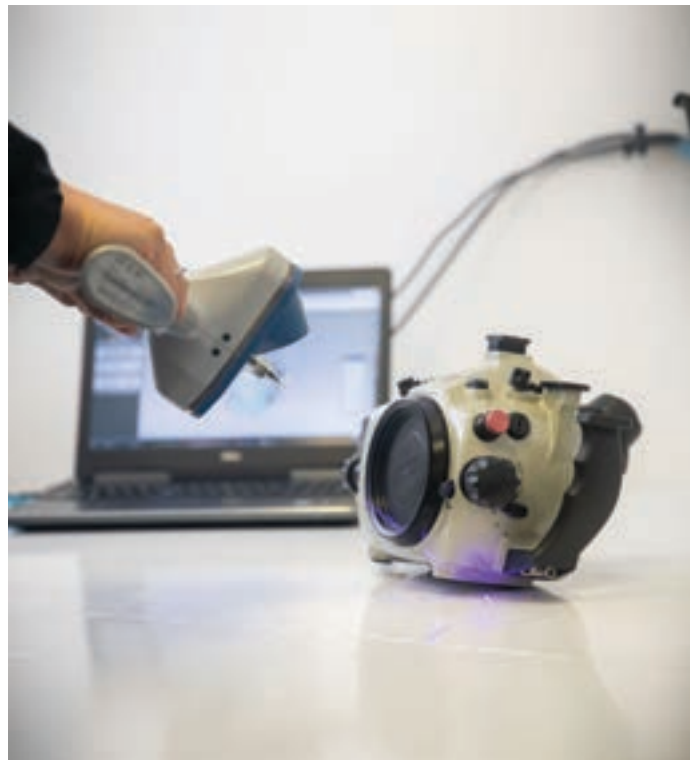


NSN: 5855-99-166-6277

NSN: 7021-99-382-2923



In addition to the ISO standard, MPAS certification verifies that MSA Foams, as a manufacturer, has the capabilities to produce suitable military level packaging for the particular requirement, demanding an in depth knowledge of Defence Standard 81-41.



DESIGN & MANUFACTURE

Our manufacturing facility occupies over 32,000 sq ft and includes a number of advanced foam conversion machines.

We use 3D scanning technology to create a complete 3D model of an item, using its shape and orientation to create a protective solution.

3D SCANNING TECHNOLOGY

The Faro Edge is an articulated arm with 3D scanner that records the profiles of an item in 3D space. The result is a complete 3D representation of the scanned item.

The Leo scanner is a handheld, mobile scanner. This portable system allows our Nationwide team of consultants to visit the customer on site. Wireless technology, allows more freedom to manoeuvre around larger items.

EXTENSIVE DESIGN SOFTWARE

Our 8-person design team use the best software in the business to design a protective foam solution for almost any design enquiry. This software includes ALPHACAM, SOLIDWORKS® and CATIA V5.

CONVERSION MACHINERY

Skilled operators assemble and create final shaping using a series of band saws, routers and hand tools. They ensure foam fits the container correctly before passing to final QA inspection.

DUAL-HEAD WATERJET

Has 5 axes to facilitate fast foam cutting and shaping.

CNC ROUTERS

Convert foam blocks into pre-designed fittings. Pockets are cut to varying depths and shapes to suit the product.

DIE CUTTER

For economical foam conversion at volume. Once tooling is in place, cutting can be completed within a few seconds.

SPLITTERS

Fecken Kirfel rotary and Baumer flatbed splitters slice raw material.

HYMA BANDSAWS

Cut laminated sheets into blocks for CNC machines.

HEAT LAMINATOR

Laminates foam together to create blocks to the depth required.



PELI™ CASES

- World-renowned protective cases
- Waterproof, crushproof, dustproof
- Protected by the Peli Lifetime Guarantee

CASES & CONTAINERS

MSA foam products fit our extensive range of cases and containers that can be customised with digital printing, laser engraving, decals nameplates and more..



PELI™-HARDIGG



MAX

PELI™-HARDIGG CASES

- Shockproof, watertight, dustproof
- Heat and chemical resistant
- Rack mount, single lid and ISP Peli™-Hardigg cases available

MAX CASES

- Waterproof and rugged
- Low-cost price point
- Available in a variety of sizes and colours

EXOCASE™ CASES

- Water-resistant and dustproof alternative to traditional flight cases
- Dimensional flexibility
- Extremely customisable, including sizes, panel material and colours

LIGHTWEIGHT PLASTIC CASES

- Simple single skin plastic cases
- Ideal for marketing use as presentation cases

MATERIALS HANDLING

- Prevents damage for safe transportation of delicate parts
- We create customised products to improve handling using:
 - Lightweight metal containers
 - Flight cases
 - Eurocontainers
 - Cardboard cartons
 - Dividers and stillages

TOOL CONTROL

- Design of inserts for cases, tool drawers or trays
- Efficiently organise tools
- Dual colour foam highlights missing items



EXOCASE™



SINGLE SKIN



MATERIALS HANDLING CONTAINER



TOOL CONTROL

CUSTOM BRANDING APPLICATIONS

High quality print can be achieved directly to most cases. Where this is not possible, we can also produce a high quality bespoke label and apply it to your container, stillage or case. As well as nameplates for cases, custom foam can be laser engraved for referencing or for adding your corporate brand.



DECALS & LABELS



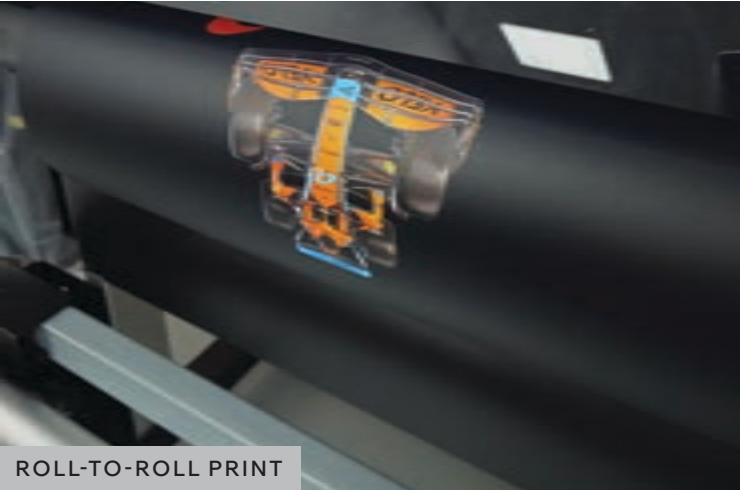
DIGITAL PRINTING



LASER ENGRAVING



PERSONALISED NAMEPLATE



ROLL-TO-ROLL PRINT



PRINTING & ENGRAVING EQUIPMENT

DIGITAL PRINTER

A Roland 4-colour UV Digital Flat Bed Press with extended gantry can print your corporate identity directly onto your case or container.

DIGITAL PRINTER/CUTTER

A Roland 4-colour UV Digital Roll-to-Roll Label Printer/Cutter produces labels and stickers to further enhance the visual image of the product.

LASER ENGRAVING MACHINES

Are used to engrave foam with branding and pocket identification, as well as produce engraved labels, information plates and nameplates.

POPULAR BRANDING REQUIREMENTS

DECALS

These are labels that are to be applied within the decal holder/tramline on a case.

LABELS

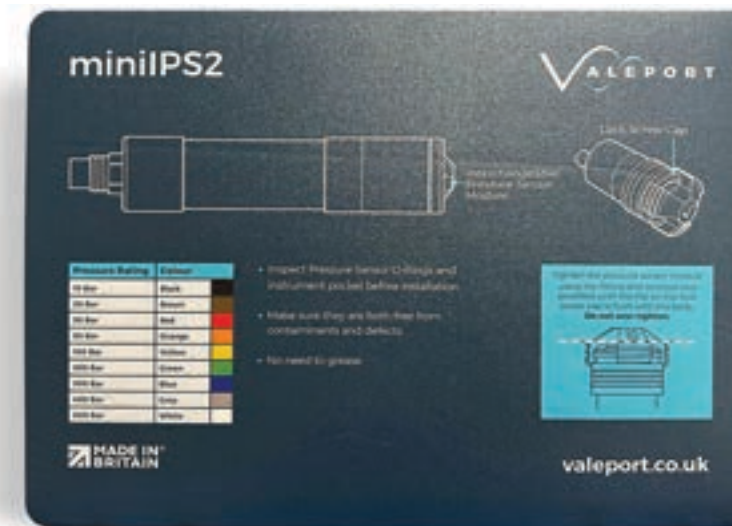
Any adhesive label to be applied to the case other than the areas defined by Decal and Tramline.

FULL PANEL LABELS

A label that fits the full panel so edges are not exposed. The fit will be to the Tramlines and lip of the case.

CASE WRAP

We wrap the case in a set of durable, precisely fitted, premium quality labels to completely change/personalise the case appearance.



Our experienced consultants at MSA Foams are fully engaged, utilising their expertise to provide exceptional guidance and support to deliver personalised solutions that perfectly match your specific needs.

For any questions, queries, or to start your project, get in touch today!



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