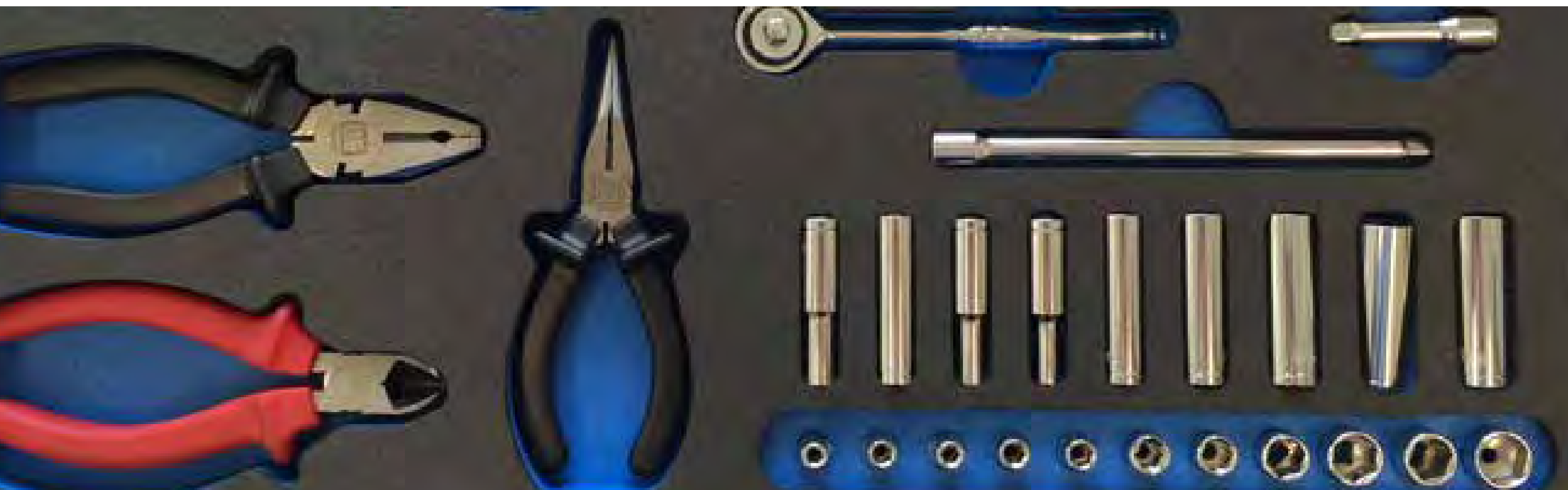


# ■ B&D Foam

## FOAM ENGINEERED SOLUTIONS





# ■ B&D Foam

- ❖ Automotive
- ❖ Motorsport
- ❖ Electronics
- ❖ Advanced Engineering
- ❖ Aerospace
- ❖ Design House
- ❖ Oil & Gas
- ❖ Marine
- ❖ Scientific
- ❖ Military
- ❖ Packaging
- ❖ General Manufacturing
- ❖ Medical
- ❖ Case
- ❖ Tool
- ❖ Energy





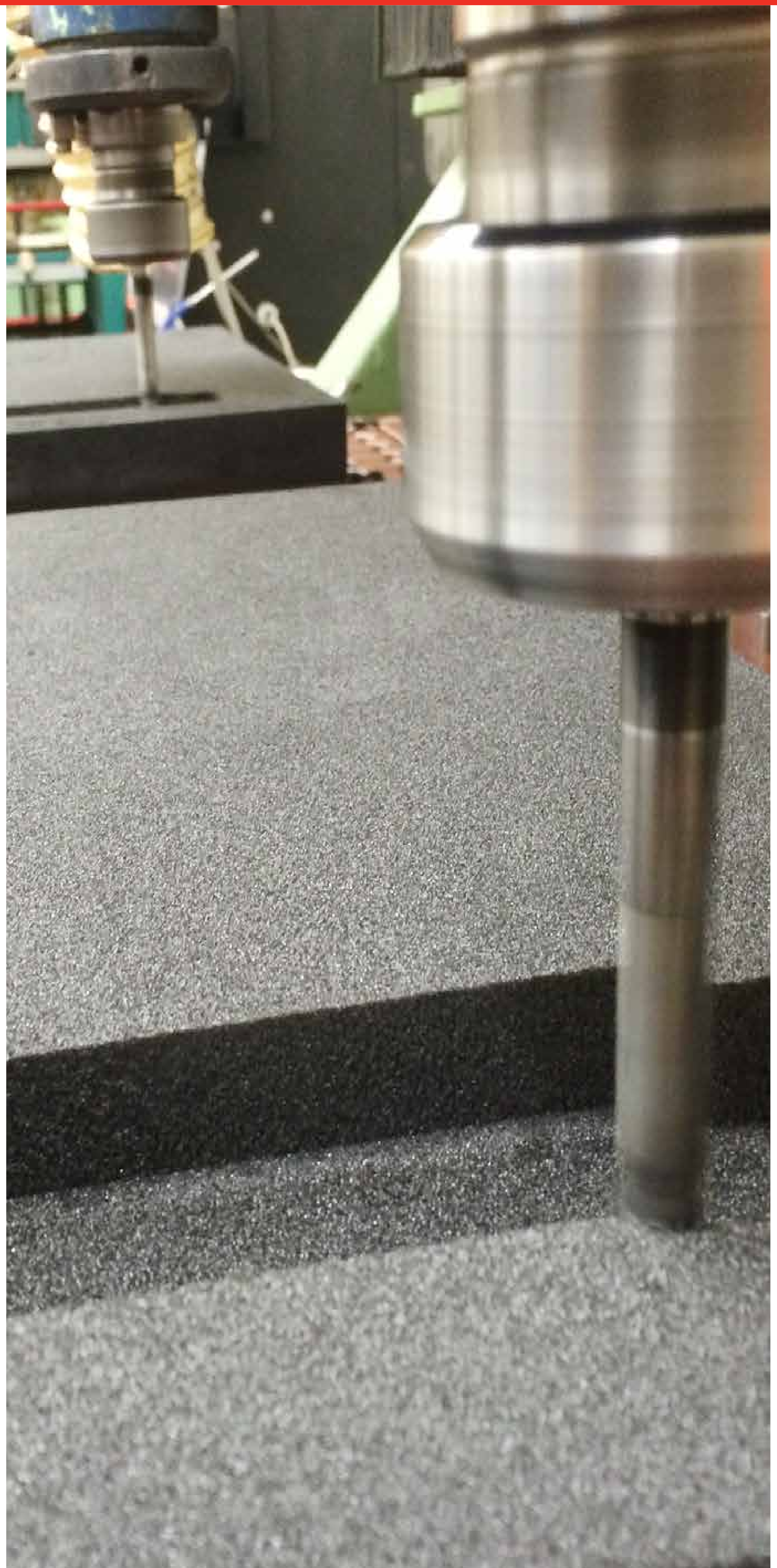
## Quality Products..... .....Customer Focused



B&D Foam specialise in converting foam materials for applications such as case inserts, material handling, presentation, and tool control. We have a skilled and highly professional team with a wealth of experience that is committed to the highest levels of customer service and satisfaction.

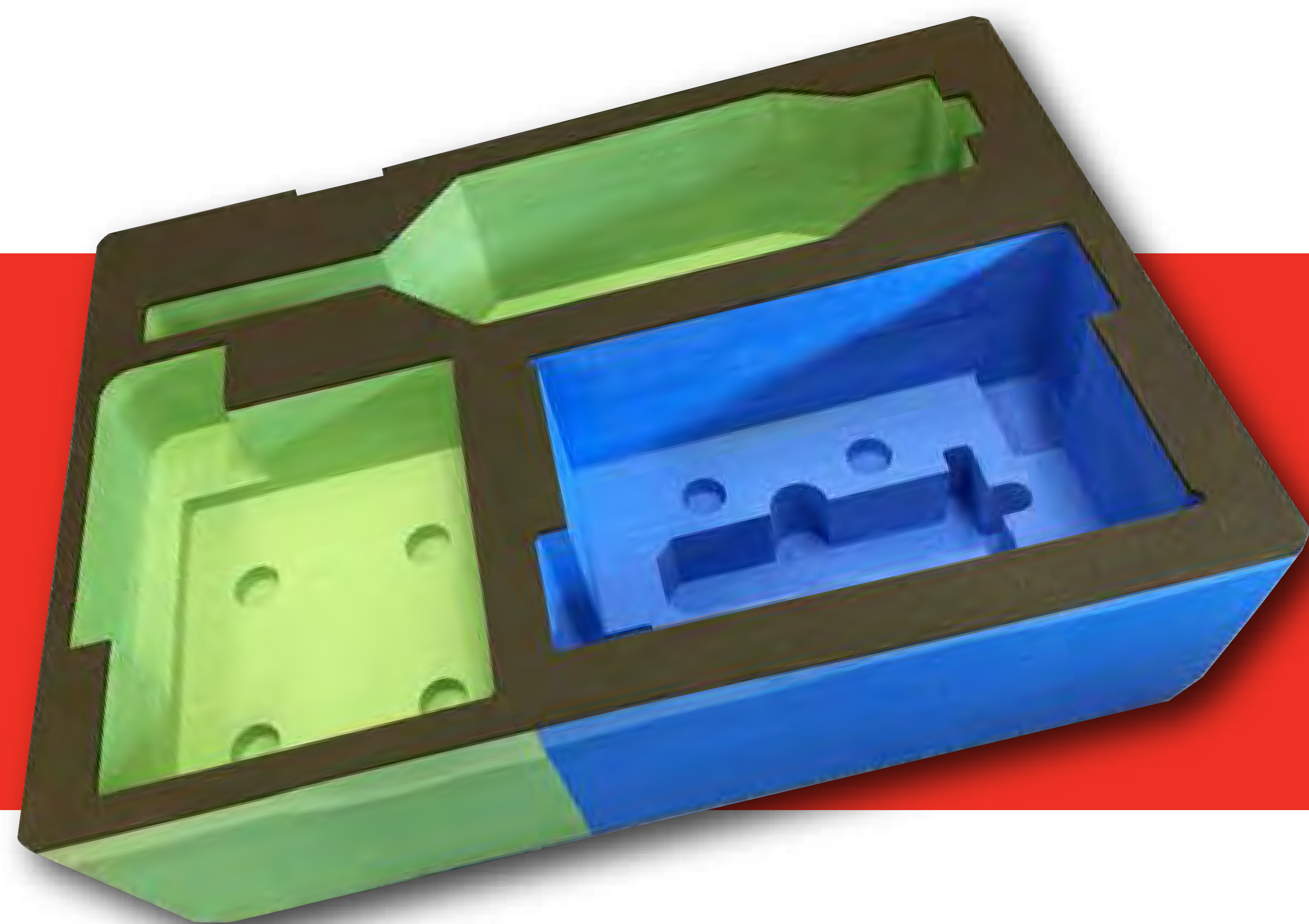
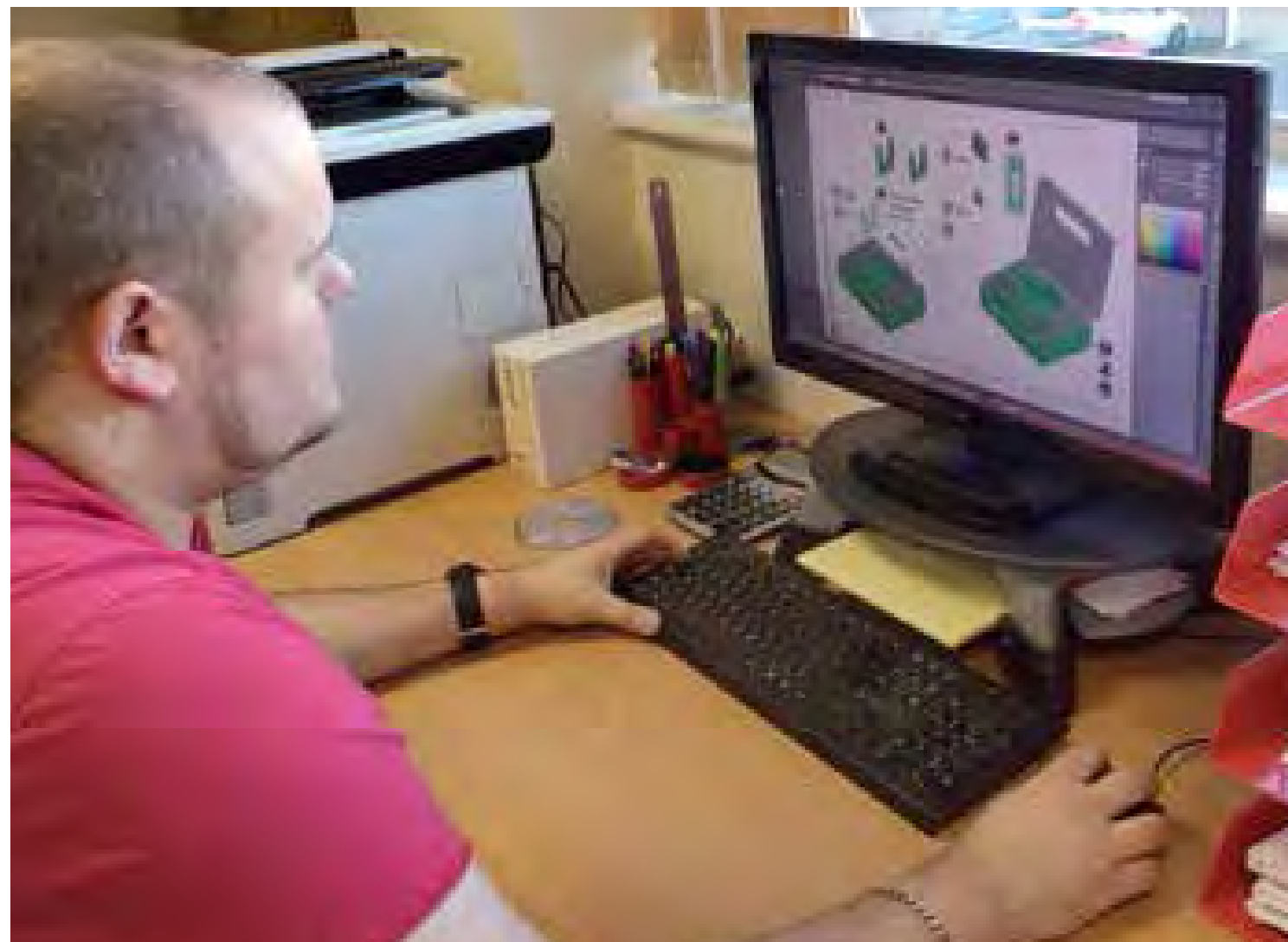
- [Design & Development | 04](#)
- [Fabrication | 05](#)
- [Presentation Case Inserts | 06 - 07](#)
- [Transit Case Inserts | 08](#)
- [Tool Control | 09](#)
- [Returnable Packaging | 10](#)
- [One Way Packaging | 11](#)

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Company Overview

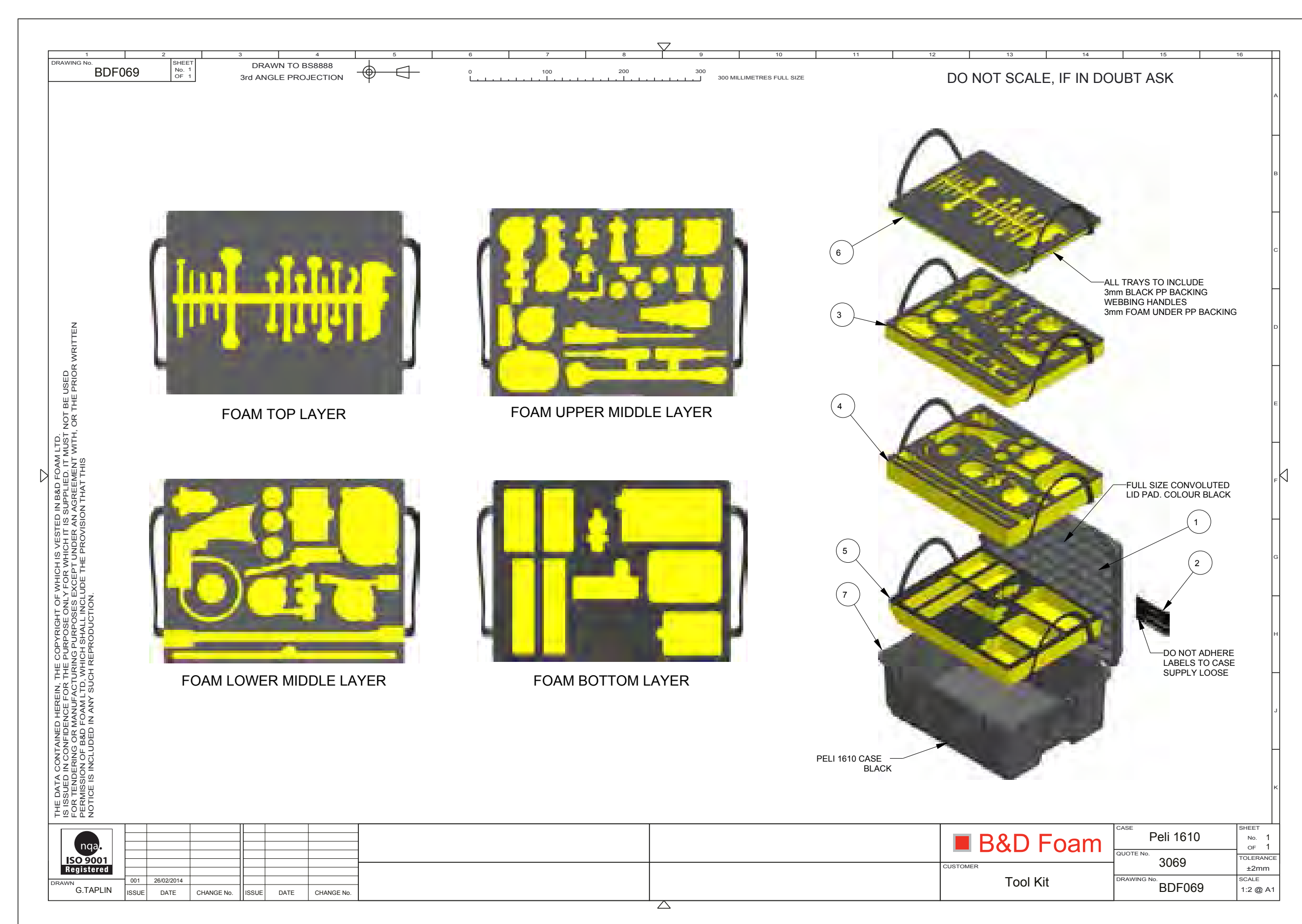




### Design

Our design team work with our clients to provide innovative and cost effective solutions. We can work from any combination of physical parts, drawings and virtually any format of 2D/3D CAD data. Our designers will utilise the latest 3D modelling software to provide concepts through to final production drawings. The quality of our work is directly linked to programming skills which minimise marking, tearing and rough edges.

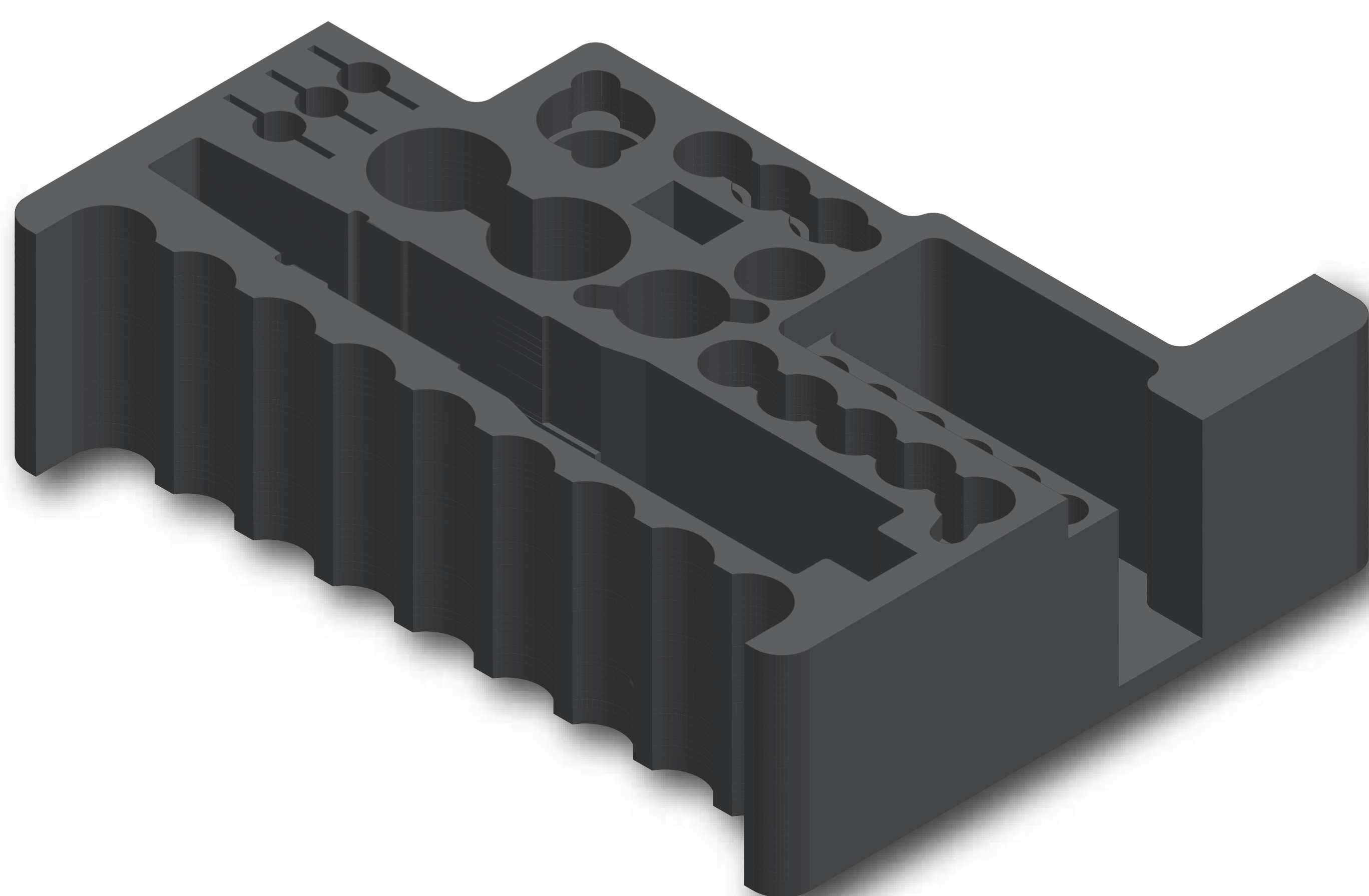
- Full 3D modelling service
- In-house templates for many cases & containers
- Production of layout drawings
- Customer logo / branding
- Advice on material and density selection
- On-site consultancy
- Project management services



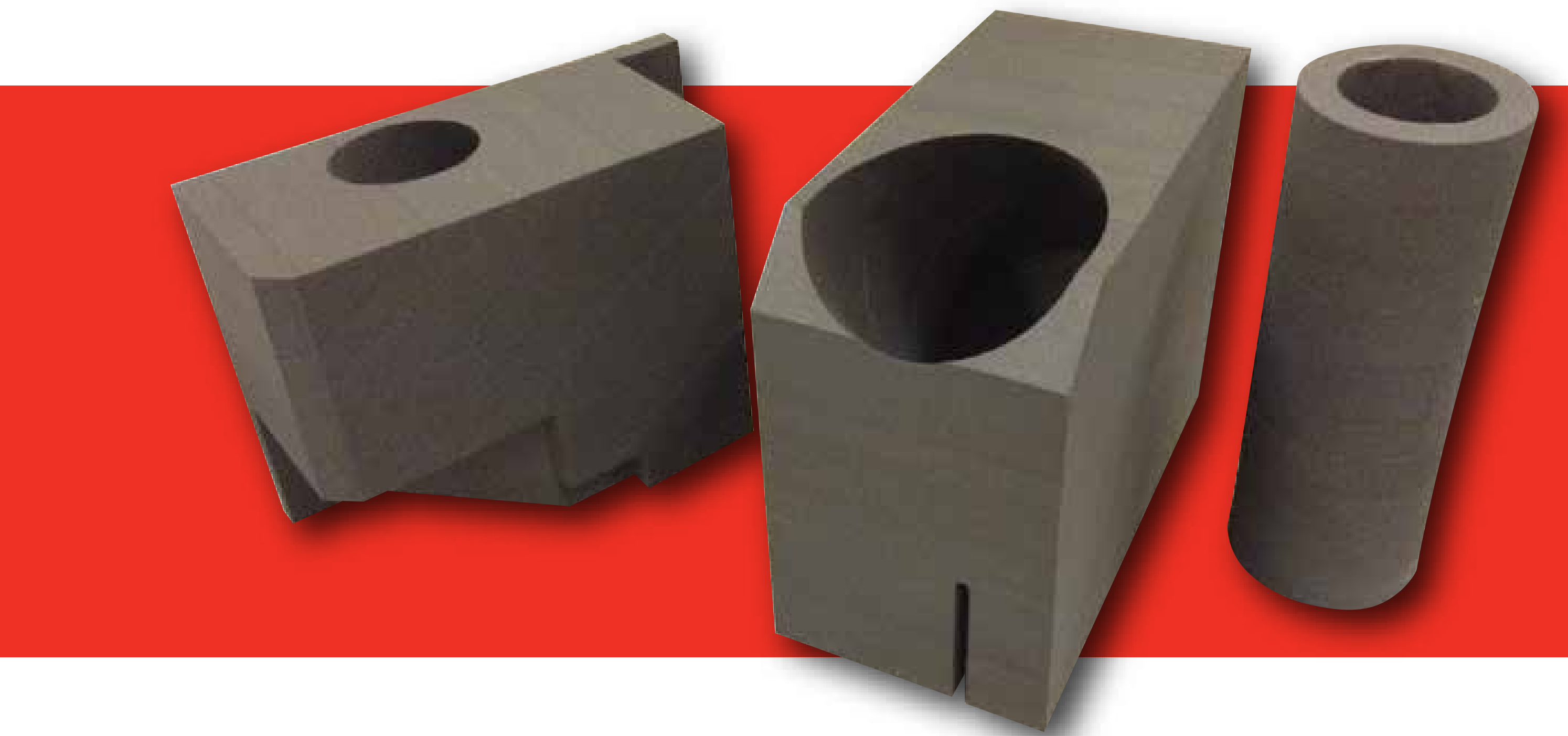
### Development

B&D Foam have a systematic approach to product development and our experienced design team work closely with our clients throughout this process.

- Drawing review and advice on any cost saving options
- Review of any critical areas / Poka Yoke
- Prototype manufacture
- Foam fitting service
- ISO approved drawings control
- Testing and analysis





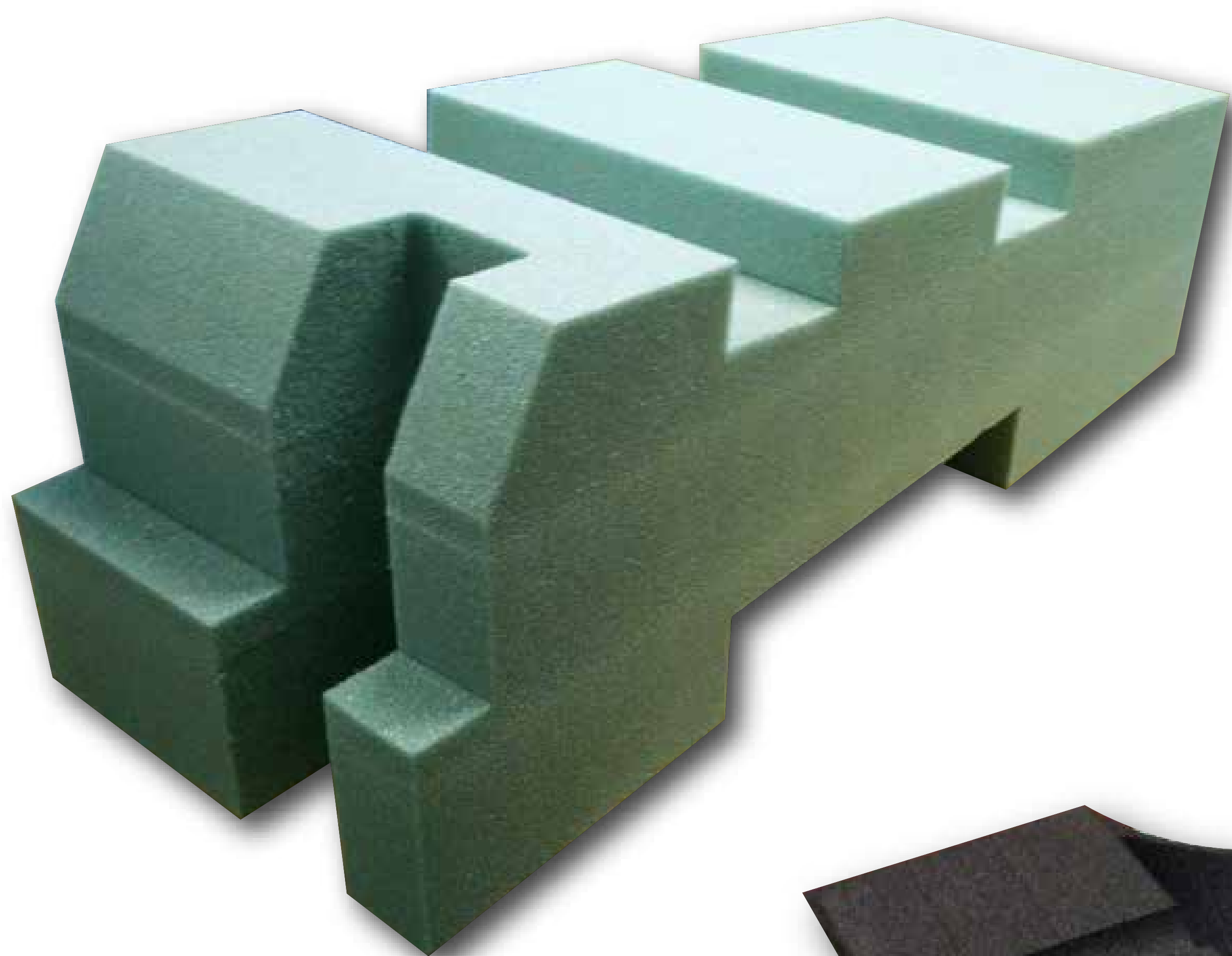


As well as being used as a packaging medium, foam is often used for many ad hoc purposes such as linings, gaskets, impact protection, buoyancy, insulation, acoustics, and composite applications. B&D Foam are experts at specifying the best material for the required application and fabricating it into different shapes and sizes to accomodate any such requirement.

- Wide range of materials
- Craftmanship skills to fabricate materials to desired shape
- Use of CNC machining, bandknives, saws and handtools
- Innovation and expertise to create complicated surfaces
- Some 3D shapes produced from 2D cutting / machining



Fabrication





## ■ B&D Foam



## Presentation Case Inserts

As well as ensuring a high degree of protection for the contents, case inserts provide a professional display solution. Various colour options or two-tone foam can be utilised to enhance presentation or promote a corporate brand. Logos and text can also be routed or laser engraved into the foam.

- Durable and protective
- Professional product presentation
- Variety of solutions to suit almost any budget
- Range of colours available for visual impact / corporate branding
- Option to include logos / text
- A range of cases can also be supplied

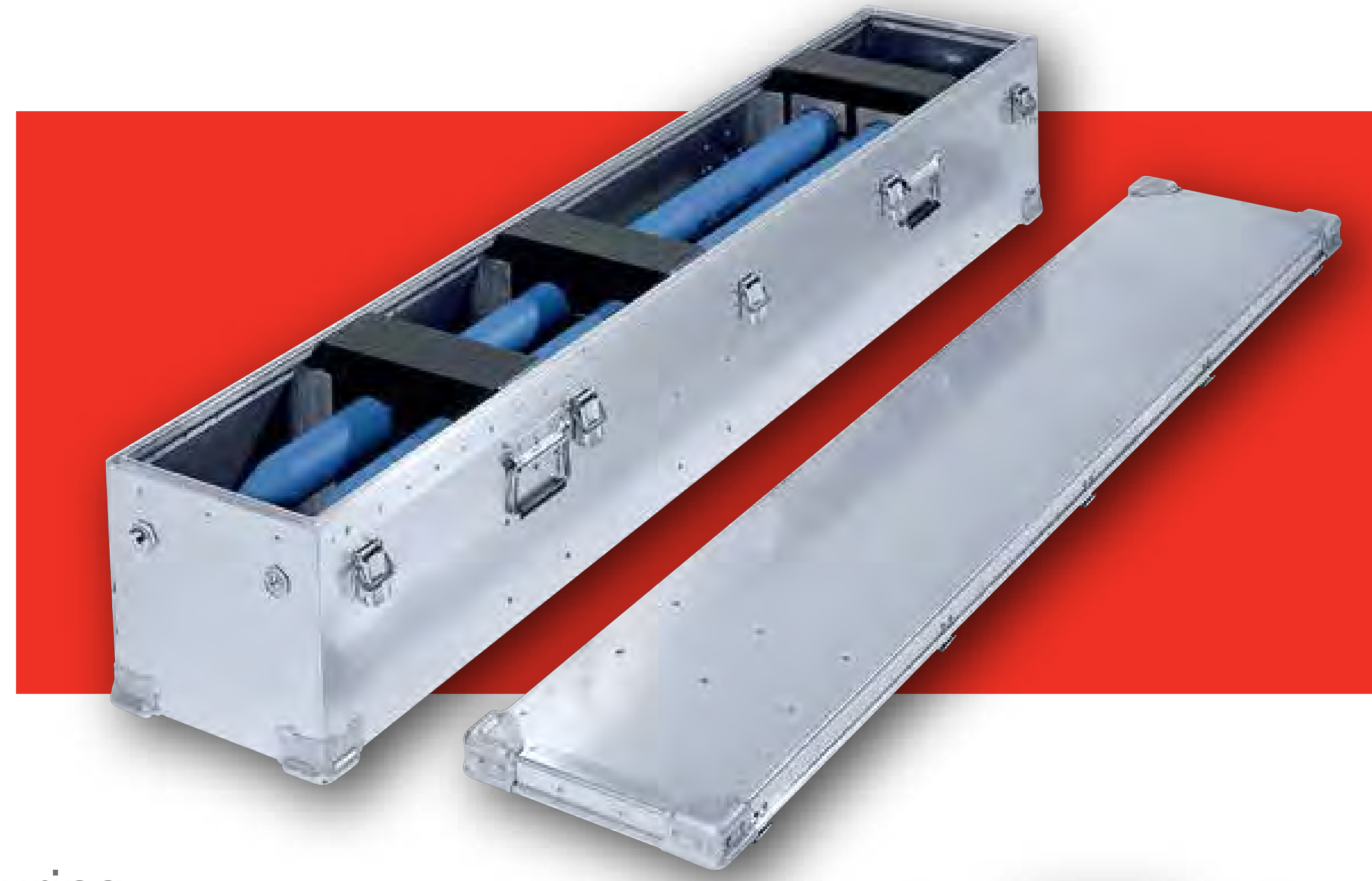








# ■ B&D Foam



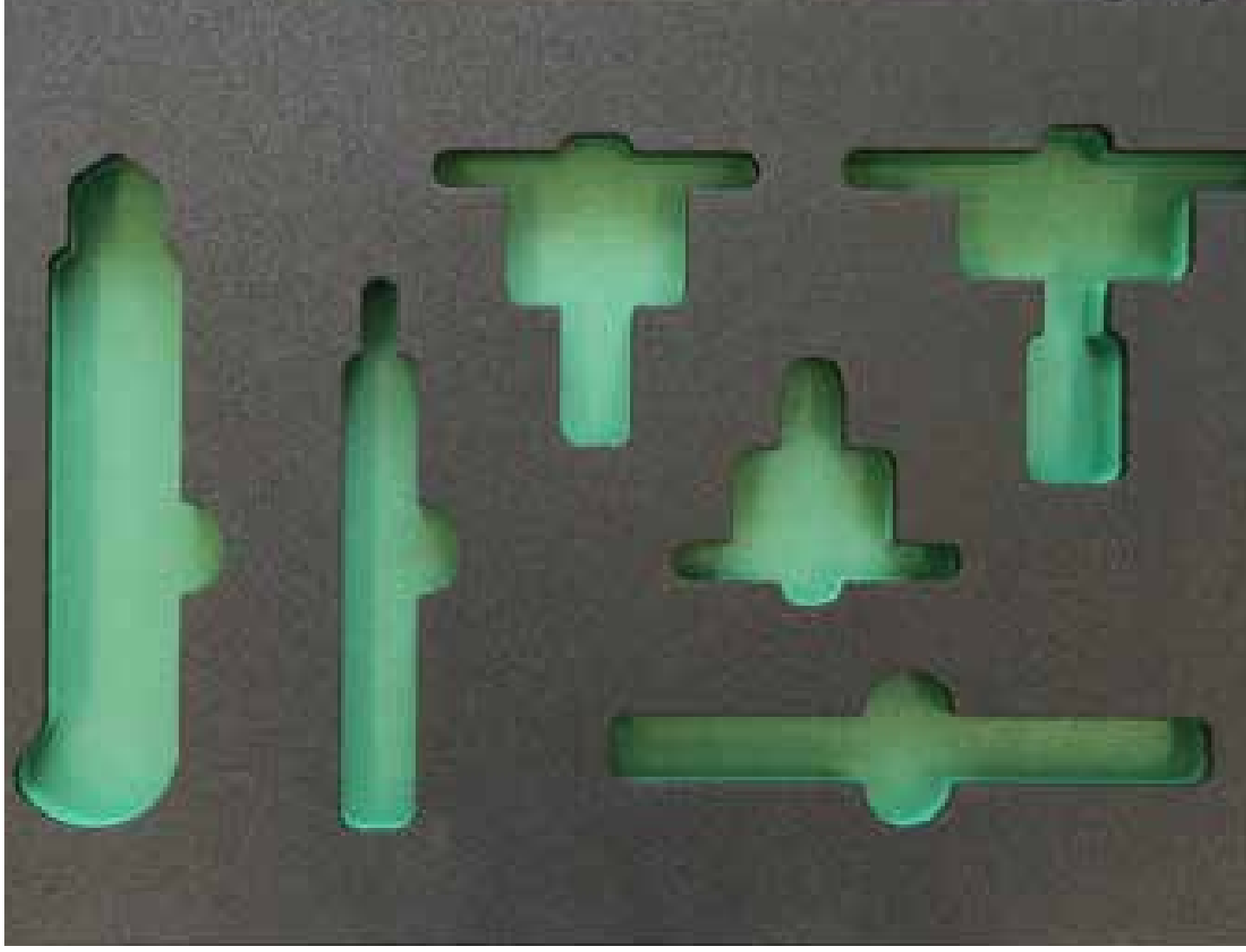
## Transit case inserts

Transit case inserts protect delicate or sensitive equipment during storage and transportation. Equipment used out in the field can be protected for its entire lifespan. Foam materials are extremely durable and easily maintained so provide the perfect solution.

- Cushion and protect delicate or sensitive parts
- Provides protection against drops and knocks
- Organises contents neatly and provides a visual check that everything is packed
- Provides a means for quick set up / deployment
- Trays with PP backing and lid inserts can be provided
- Refurb service available

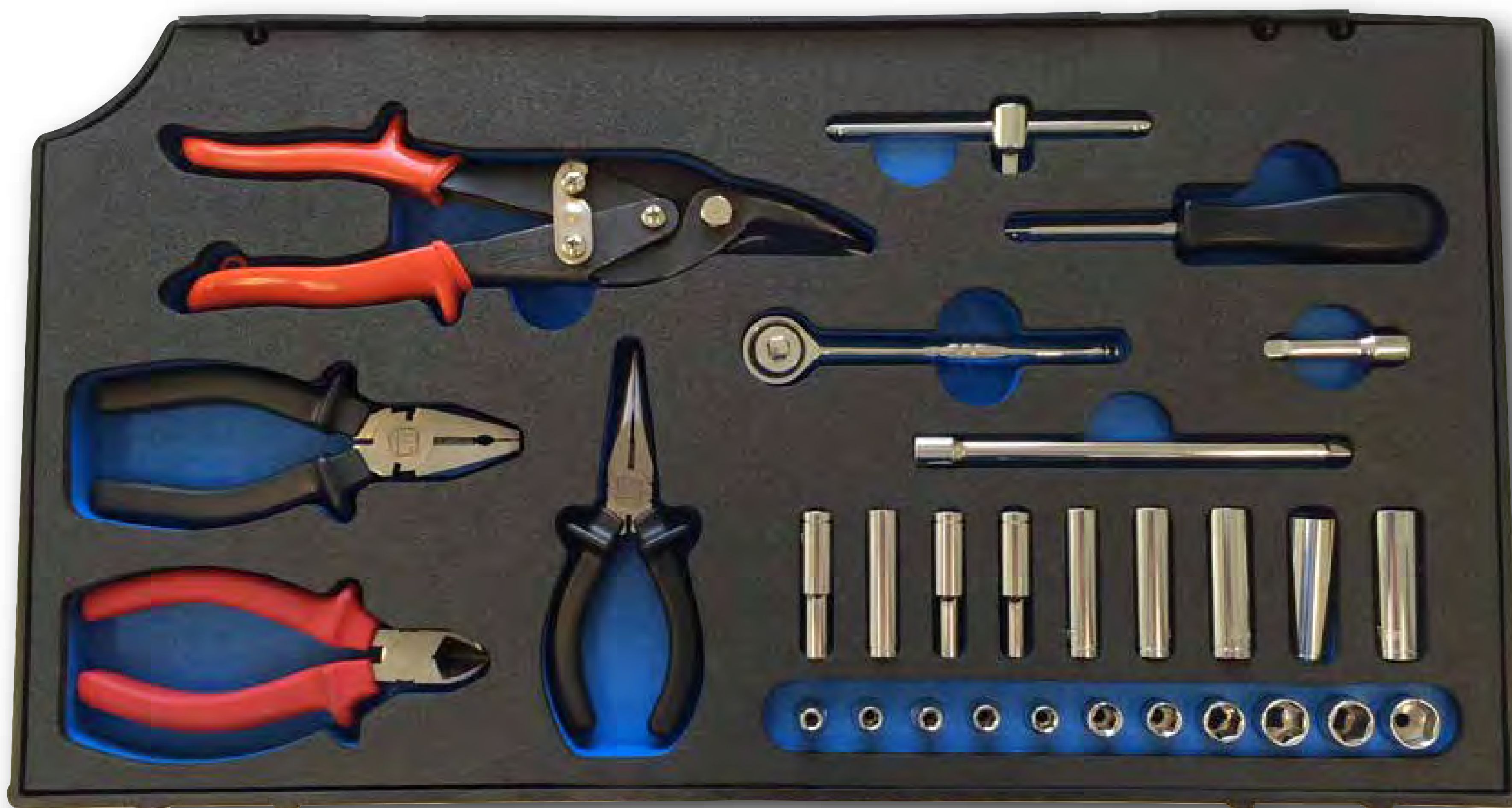






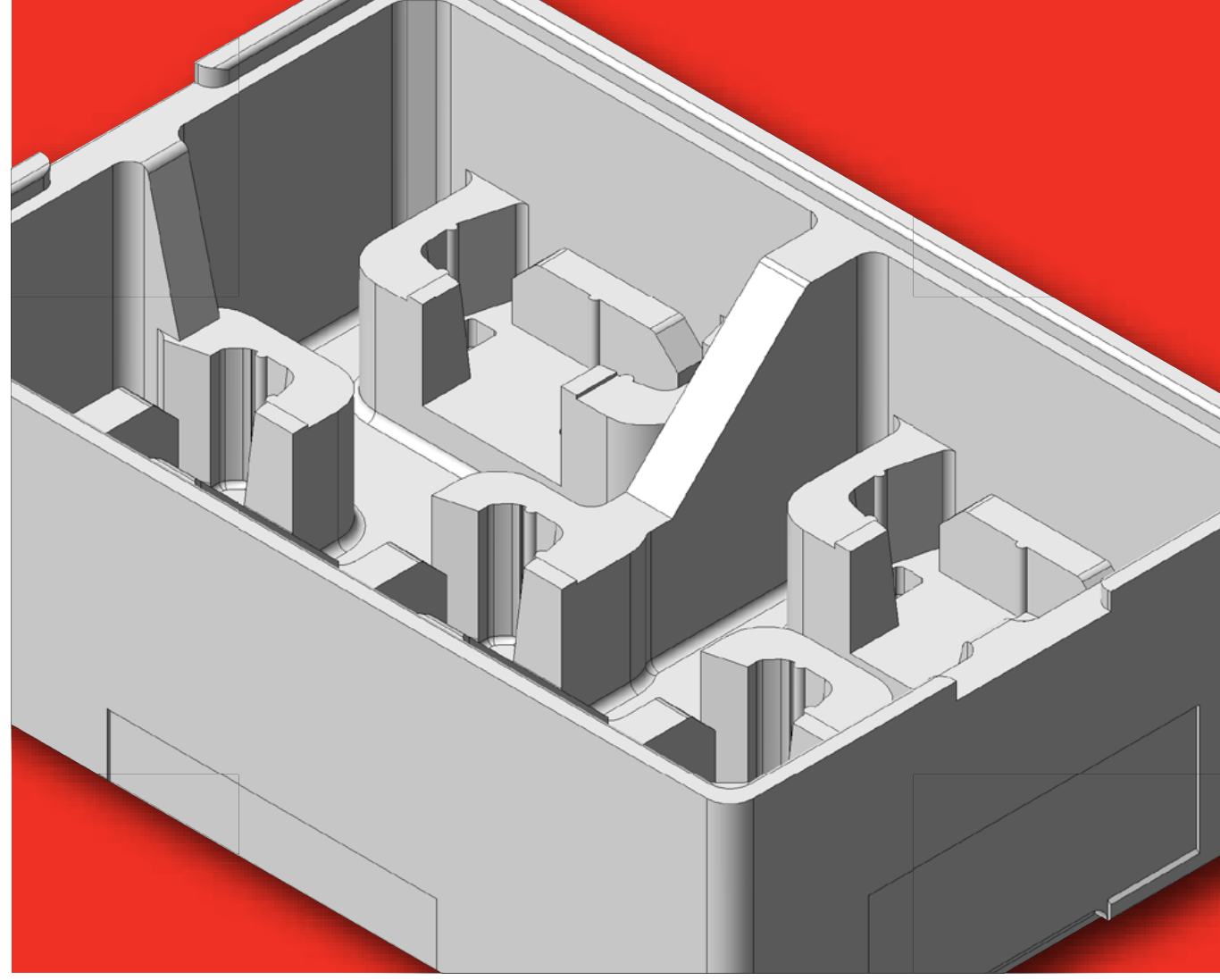
Not only is it essential to protect tools in storage, it is equally important to have a means of controlling their use. Looking for the right tool in a drawer full of tools or having to go searching for a missing tool can result in the loss of valuable production time. The solution is a two-tone foam insert. If the toolkit changes it is also easy to modify the program.

- Protective
- Washable
- Two-tone (Shadowboard effect)
- Easy to modify
- Professional look
- Facilitates 5S / lean manufacturing





## ■ B&D Foam



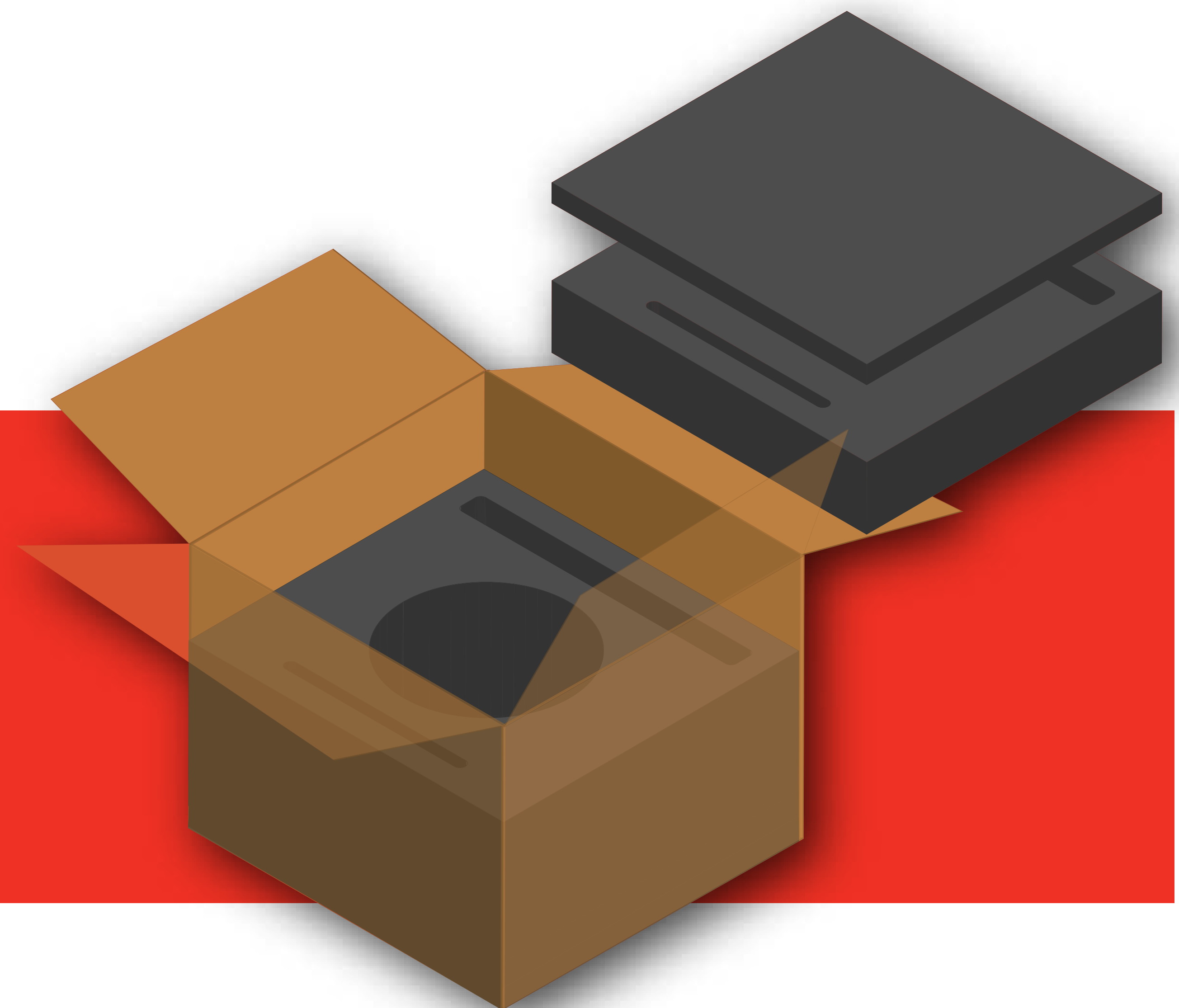
## Returnable packaging

Due to the high protection and durability of foams, they provide the ideal solution for returnable packaging. Rather than throw away the packaging after every delivery, if the packaging can be sent back for re-use it can offer cost as well as environmental benefits. In particular, this methodology aids stock control, batch manufacturing, as well as facilitating lean manufacturing, kanban and JIT manufacturing. Castellations, end caps or divider solutions can also be provided to offer an alternative solution to inserts.

- Durable and protective
- Cost benefits
- Reduce scrap and rework
- Reduce packaging waste
- Ideal for JIT / kanban
- Range of solutions

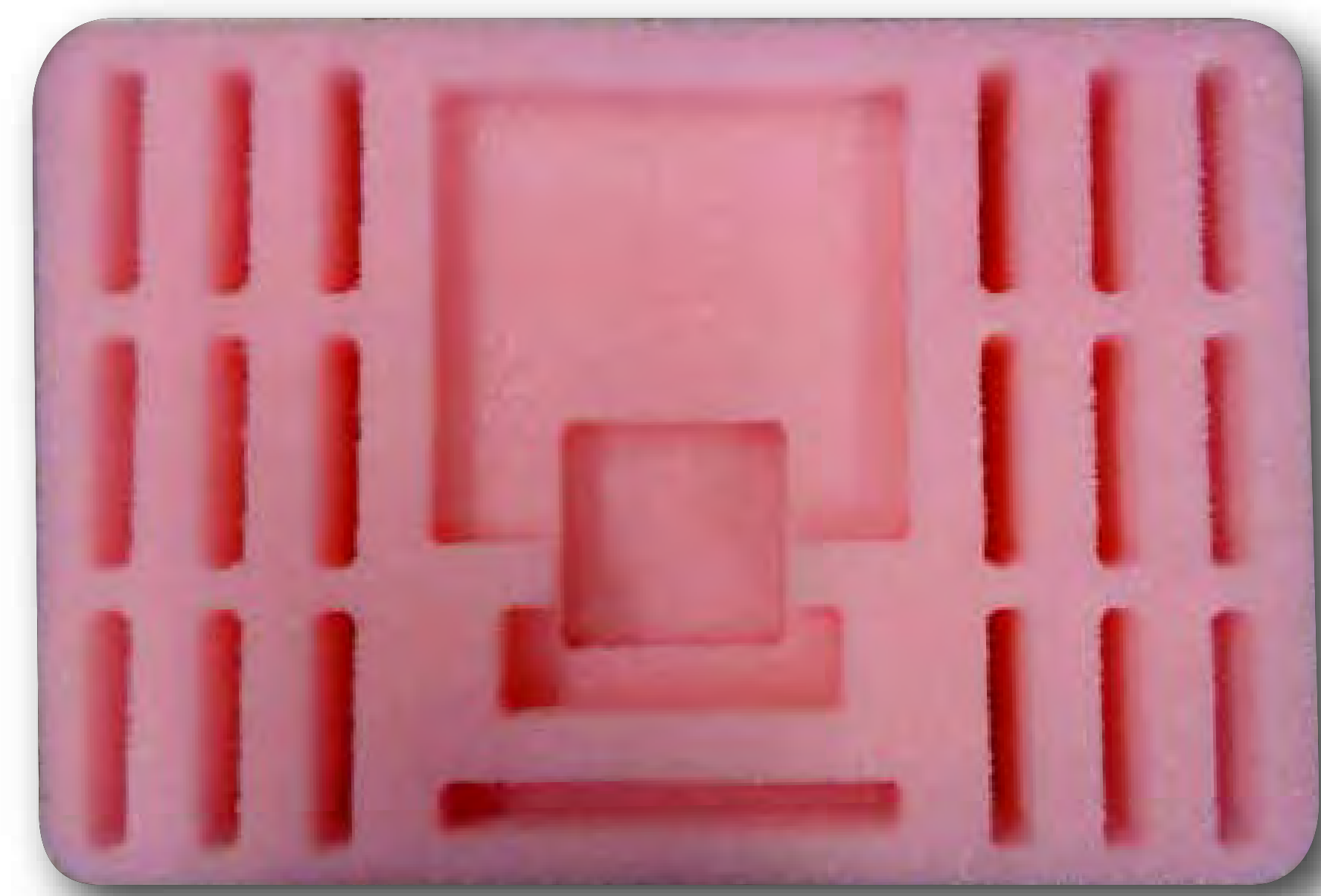






Where it is not feasible or cost effective to use returnable packaging, then one-way packaging may be the most realistic choice. Typically, when other packaging materials such as cardboard do not offer enough protection or are too time consuming to assemble, then foam end caps, castellations or inserts may provide the best option. Less durable but more cost effective materials can be recommended to suit.

- Highly protective
- Reduces packing time
- End caps can reduce material cost
- Provides a good level of impact protection





One way packaging



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