

REDDIPLEX[®]
EXTRUSION SOLUTIONS

Custom Extrusion



Reddiplex

We are specialist in the extrusion of custom plastic and rubber profiles covering a range of polymers and hardness values, including sponge.

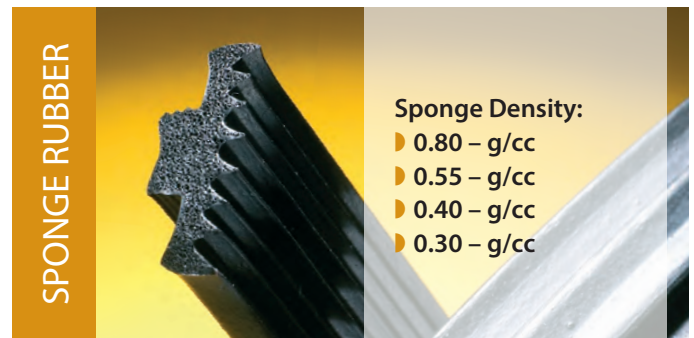
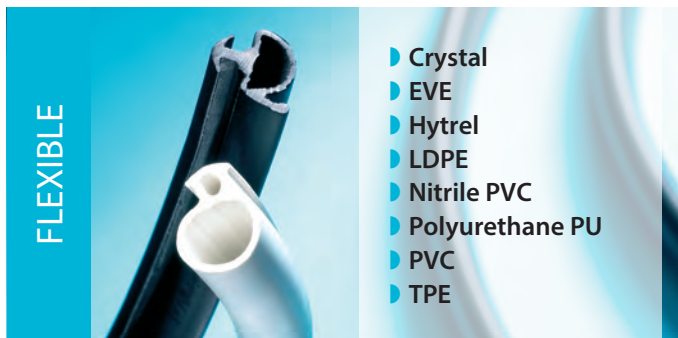
Our knowledge of material behaviour, onsite tooling, technical processing, and customer service positions us as a global leader in the extrusion of plastic and rubber profiles.

We have been extruding custom profiles since 1969 and have vast knowledge of innovative and complex designs.

If you have a requirement that you would like us to take a look at please contact us at sales@reddiplex.com or to discuss your requirement with a member of our sales team call **(0)1905 795432**.

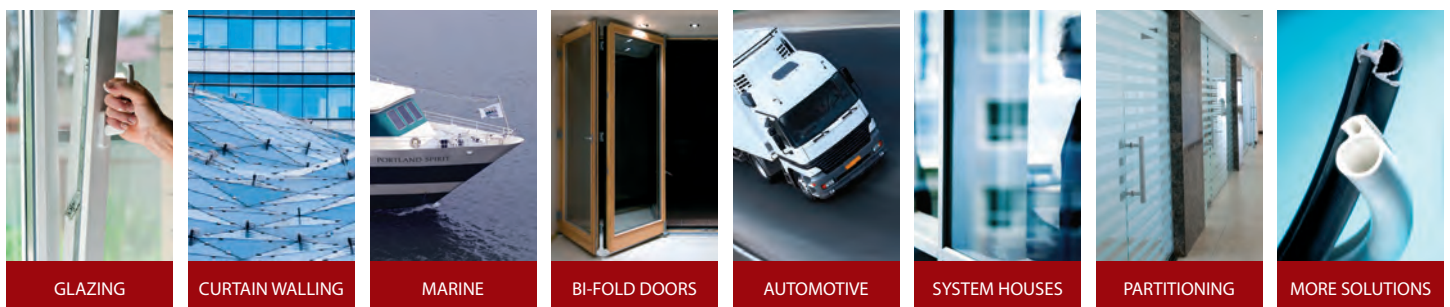
MATERIALS

We are continually developing our material knowledge to ensure we offer customers the most up-to-date guidance on material selection.



MARKET SECTORS

Our knowledge of material performance and extrusion techniques allows us to manufacture for a diverse range of market sectors.



Custom Extrusion

EXTRUSION

The profiles manufactured by Reddiplex are unique to the customer's requirements and utilise extrusion processes such as:

Single extrusion

Single hardness profiles are manufactured from a single material and can be flexible, rigid or rubber, including sponge based products.

Triplex extrusion

Involves the extrusion of three different materials into one single profile, involving complex dies.

Co-extrusion

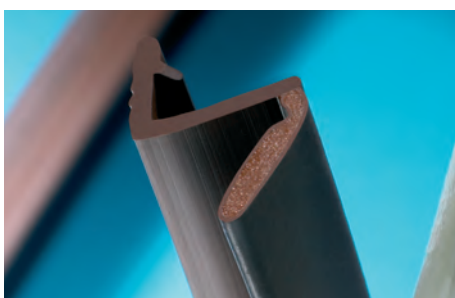
Combines two different materials or colours into one single profile. Special twin head extruders and purpose made dies are used for this process.

Cross head extrusion

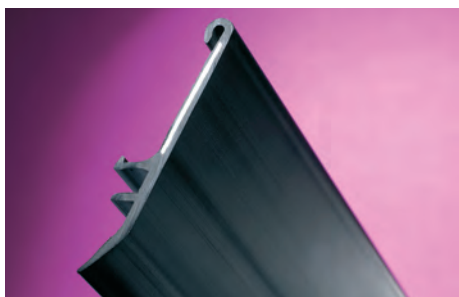
Similar to co-extrusion but rather than combining different types of plastic or rubbers, it is possible to embed different components such as aluminium and glass fibre cord into the profile.



SINGLE EXTRUSION



TRIPLE EXTRUSION



CROSS HEAD EXTRUSION



CO-EXTRUSION

IN-LINE CAPABILITIES

Our in-line capabilities are designed to enhance both the appearance and functionality of the profiles. These include processes such as:

Colour matching

We often work from specifications or samples to provide a colour matching service to standards such as BS and RAL.

Cording

To help maintain form and reduce shrinkage of rubber extrusions.

Rolling

Application of textures or patterns to a profile.

Adhesive tape

Integrated application of adhesive tape.

Printing

Ink-jet and laser printers can be assembled on-line; this can increase traceability, identification or brand awareness.

Specialist packaging

We are able to identify the best packaging for the design of your profile to ensure the product is not distorted or damaged during delivery.

CONCEPT TO COMPLETION

DESIGN

Our in-house design department can assist in the design of the product and the most suitable material for your application.



TOOLING

On-site tooling facility means that tools can be designed, developed and modified quickly.



TRIALS

After tools have undergone trials, samples will be sent for approval before production.



APPROVAL

Following the approval of samples full production will begin.



PRODUCTION

Our production capacity and onsite capabilities ensure that you receive products that are to your specification, on time, every time.



DELIVERY

Our Worldwide Service Centre will arrange documentation and delivery of goods to your destination.



REDDIPLEX®

EXTRUSION SOLUTIONS

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