



RGH Rubber & Plastics Ltd Automotive Product Guide 2018

Felts and Fabrics

Open Cell Foam

Semi Closed Cell Foam

Closed Cell Foam

Bonding Solutions and 3M VHB Tapes

UHMW Tapes

Shoddy Felts

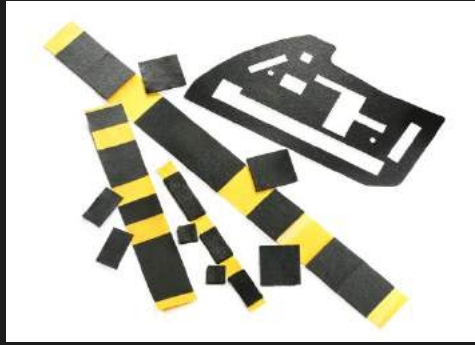
Cable Wrap Tapes

Plastic Components

Packaging Foams

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Felts & Fabrics



RGH specialise in the lamination and conversion of a range of felts and fabrics commonly used between mouldings in order to act as anti-rattle, anti-vibration and anti-squeak pads.

Materials range from 0.5mm thick to 5mm thick and are available in both white and black in order to ensure that visual sensors can identify the materials once placed on to the mouldings.

Open Cell Foam



Generally low density, open cell foam with good recovery when compressed. Available in grey and white this material has good temperature resistance and flame retardancy.

Reticulated or filter foams are also available.

Common applications include acoustic seals, packaging blocks, spacers/fillers, filter media, speaker gaskets, dust and air seals as well as tooling protection on line side

Semi Closed Cell Foam



Contains a mixture of both open and closed cells which allows it to compress far more easily than a normal EPDM sponge foam. Due to its ability to easily compress it can fill uneven and variable voids

Available in various thicknesses this material is commonly used as dust, noise and moisture seals.

Closed Cell Foam



Closed cell foams are commonly used for sealing against air or fluids and can also be used to fill voids, use its cushioning properties to lessen the impact between two substrates and some types can also have very good resistance to oils, ozone, weathering, heat and flames.

RGH stock many closed cell foams including:

EPDM

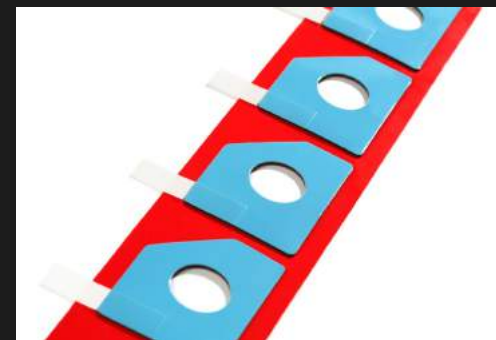
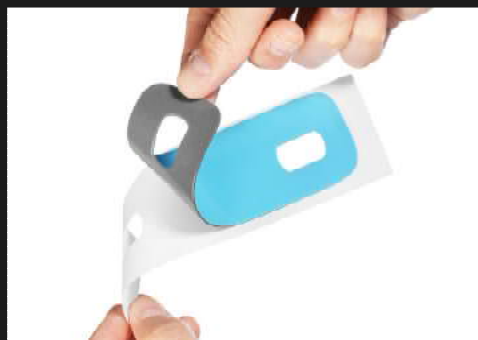
Neoprene

Silicone

Polyethylene

PVC nitrile

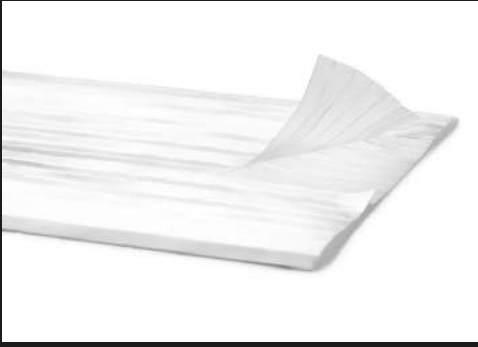
Bonding Solutions and 3M VHB Tapes



RGH have a range of adhesive tapes and foams suitable for interior and external bonding applications.

3M VHB tapes remove the need for mechanical fixings and also provide a barrier sealed against any kind of weather. They also withstand the extreme heat and cold, vibration and UV light. RGH work closely with 3M in order to recommend the ideal adhesive to suit your application so whether you are bonding plastics, metals, glass or fabrics RGH will be able to advise on the perfect bonding solution.

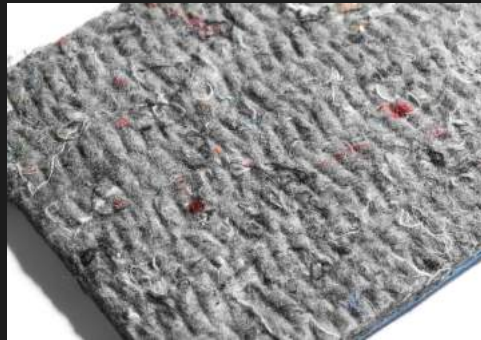
UHMW Tape



RGH's UHMW Tape not only protects surfaces but it also creates a slipping effect to allow contact between two substrates without wear.

UHMW tape reduces squeaks and promotes movement between two moving parts whilst also reducing rattles and other noises.

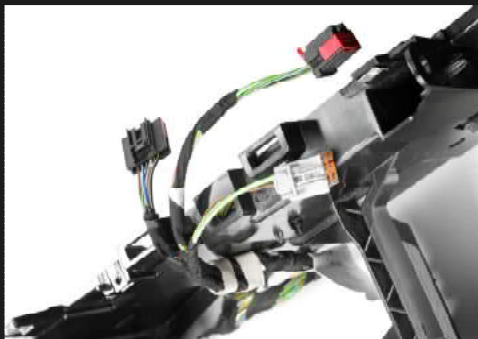
Shoddy Felt / Cotton Waste



Shoddy Felt (also known as cotton waste felt) is a recycled material often used in door panels, trunk liners and instrument control padding

It is a low cost material which is mainly used for sound damping applications and can be laminated and die cut to shape in order to fulfil your requirements.

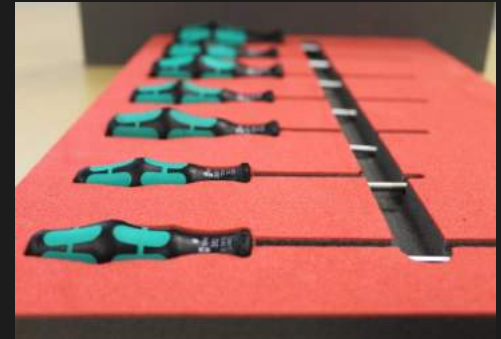
Other Products



Cable Wrap Tapes



Die Cut Plastics



Packaging foams

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