



Moulding Rubbers

*World Class Silicones  
for Worldwide Solutions*



## ACC Silicones 800 Series

Low tear moulding rubbers designed for use in less demanding applications without the need for a more expensive high tear material.

Typical applications include:

- Shoe sole moulding
- Leather reproduction
- Moulds without undercuts
- Low melt alloy's

A range of catalysts are available to provide varied cure speeds. Fast and standard catalyst can be blended together to produce the optimum cure rate for your application. (See data sheets).

## Gelflex

Gelflex is a hot melt vinyl moulding rubber that can be reused more than once. Available in two different hardness's , it is easily melted down using a thermostatically controlled heating vessel to form a low viscosity rubber. Gelflex is a low cost alternative to more expensive moulding rubbers where extremely fine detailed reproduction is not required.

Typical applications include:

- Plaster casting
- Production of loss wax models
- Moulds without undercuts
- Pate de Verre and glass casting



# ACC Silicones 900 Series

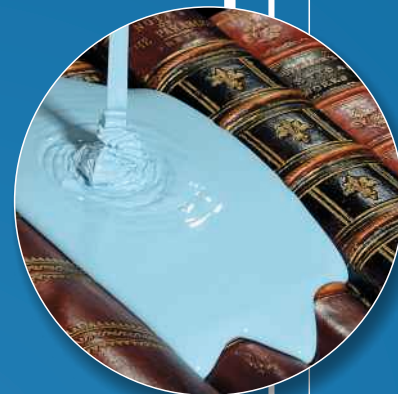
High strength moulding rubbers designed to meet the demands of modern moulding techniques, suitable for use with a wide range of materials including polyester, polyurethane and plaster. The 900 series has been formulated to reproduce the finest of detail whilst maintaining dimensional stability.

The use of a Thixotroping additive makes for easy application on vertical surfaces essential when replicating works of art, natural features or architectural structures and reliefs.

A range of catalysts are available to provide varied cure speeds. Fast and standard catalyst can be blended together to produce the optimum cure rate for your application. (See data sheets).

## Key Features

- High tear strength
- Fine detail pick up
- Low Viscosity
- Extensive range of hardness
- Good resistance to styrene attack
- Low shrinkage
- Range of catalysts
- thixotroping agent

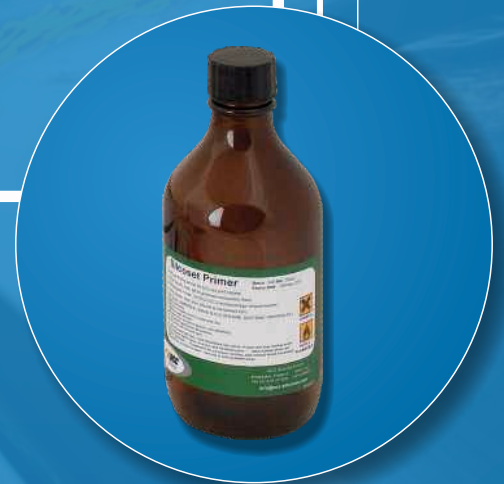
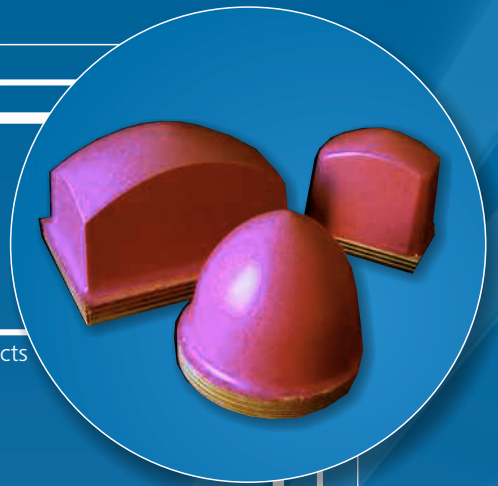


## Addition Cure 2-Part Moulding Rubbers

ACC Silicones addition cure rubbers use platinum catalyst to provide a selection of products with varying physical properties. They will all cure at room temperature and can be easily accelerated with the use of heat. They are very low shrinkage rubbers with high tear and tensile strength giving extended mould life and dimensional stability.

### Key Applications

- Ceramic/Polyester/PU/Epoxy & general moulding
- Tampon Print Pads
- Rubbers that meet the FDA requirements for food contact FDA CFR 177.2600
- Translucent rubber for rapid prototyping
- Very hard rubbers for expanded PU foam, large objects
- Concrete moulding, alkali resistant



### Silicone Primers

On occasions you may want to create a bond when using a silicone moulding rubber such as when making a Tampon print pad. ACC Silicones have produced a comprehensive guide to primer and silicone selection and this is freely available on request or by visiting our web site.

ACC Primers can be used with the following materials

- 1 & 2 Part silicone elastomers
- Addition and Condensation cure systems
- Most plastics, wood, metals and glass

# ACC Silicones have been manufacturing silicone compounds for over 35 years

ACC Silicones have been manufacturing silicone compounds for over 35 years and has gained an enviable reputation for proven performance and quality with materials for use in a wide range of moulding applications. Our customer focused development program and flexible-manufacturing plant enables us to keep pace with the needs of today's modern production methods and design requirements. Qualified, experienced sales and technical staff are readily available to make site visits and advise on product selection and production methods.

ACC Silicones group of companies has grown over recent years to include technical research and production facilities in the UK, mainland Europe and the US. Our expertise extends into all areas of 1 and 2-Part RTV silicone chemistry, with a strong bias towards application-based solutions.

## Bespoke Production Facilities

Our flexible facilities based upon batch production allow us to offer formulations to meet very specific application requirements. Subject to strict commercial evaluation we are able to chemically engineer our products and change the following properties.

- Viscosity
- Cure speed
- Hardness
- Colour
- Cure mechanism
- Packaging and delivery systems



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