



## RTV 60 Silicone casting compound

**Tygavac Moulding Rubber RTV 60** is a room temperature vulcanising silicone rubber developed for use as a flexible mould making material for urethane foams and other cast materials. It is supplied as a pourable fluid which cures to a flexible rubber, having high durometer hardness, low shrink and excellent cut growth resistance. This product is useful for casting pressure pads. Also, because it has a higher coefficient of thermal expansion than metal, it is ideal for trapped rubber moulding techniques.

Mixing instruction overleaf.

### Typical Properties

Uncured

Colour	- base	Off white
	- curing agent	Green
Viscosity after addition of curing agent		100 Pa.s
Base/curing agent ration:		10:1

Cured (24 hours at 25°C)

Linear coefficient of thermal expansion	$3.0 \times 10^{-4} \text{cm/cm/}^{\circ}\text{C}$
Volume coefficient of thermal expansion	$9.0 \times 10^{-4} \text{cm/cm/}^{\circ}\text{C}$
Durometer hardness	60 shore A
Tensile strength	5500 kPa
Elongation	250%
Tear strength	14.7 kN/m
Linear shrinkage	Nil

### Availability

Various thickness and widths available.

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