

# Clone FX™

## LIFE CASTING SILICONE RUBBER

### RTV-2 SILICONE RUBBER

#### PRODUCT DESCRIPTION

Clone FX™ is an addition curing RTV-2 silicone rubber primarily developed for life casting applications. It is safe to use directly on the skin. Clone FX™ has an easy to use mix ratio of 1:1 and is coloured to ensure thorough mixing of the components. Clone FX™ will provide a mould that can reproduce the item many times over, unlike alginates that can only be used once.

#### TYPICAL PRODUCT USES

Life casting / body casting  
Moulds requiring a fast turn around time  
Architectural restoration  
Forensic detail  
Fossils  
Prosthetics and SFX

#### MIXING PROPERTIES - @ room temp

Mix Ratio (by weight)	PART A:	100
	PART B:	100

Mixed Viscosity:	50 000 cps
Work time:	8-10 minutes
Gel time:	10-15 minutes
Demould time:	20-30 minutes

#### TYPICAL CURED PROPERTIES

Colour:	Purple
Specific Gravity:	1.15
Hardness:	Shore 35A
Tensile Strength:	450 psi
Elongation:	500%
Tear Strength:	75 ppi

- Addition curing silicones can be inhibited by certain surfaces, these include natural rubber compounds, condensation curing silicone and sulfur clays. Please check with our technical staff if unsure.
- In colder winter months, a hair dryer or similar may need to be used to accelerate the cure of the compound. By careful not to overheat and burn the skin.
- Do not mix more material than can be applied in a 5 minute time span
- A small amount of silicone oil (10%) can be mix for a slightly thinner 1<sup>st</sup> coat or print coat. Apply the 2<sup>nd</sup> and subsequent coats within 10 minutes.
- A hair dryer can also be used to remove any small air bubbles that are trapped in the 1<sup>st</sup> coat.
- Continue to mix batches and apply until the desired thickness is achieved.
- Petroleum Jelly or similar will be required on hairy areas such as eyebrows and eyelashes.

Issue:

Date: 15<sup>th</sup> November 2006

The data presented in this bulletin are in accordance with the present state of our knowledge, and does not absolve the user from carefully checking all supplies immediately on receipt. We reserve the right to alter product constants within the scope of technical progress or new developments. The recommendations made in this leaflet should be checked by preliminary trials because of conditions during processing over which we have no control, especially where other companies' raw materials are also being used. Recommendations for use do not constitute a warranty, either expressed or implied, of the fitness or suitability of the product for a particular purpose.

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