Factor II, Incorporated

Inventing and Innovating…
(Information: 1.928.537.8387)
ONLINE ORDERING www.factor2.com

PRODUCT INFORMATION
CLONE
FX-302

PRODUCT DESCRIPTION:

CLONE is a two part, 100% solids, paste consistency silicone elastomer. Mixed material can be applied into desired shape and will cure at room temperature into firm elastomer with a dimensional accuracy of about 99.95%.

CLONE is a pigmented white and is gray. Additional pigments can be added to produce coatings of other colors, as desired.

INSTRUCTIONS MIXING AND USE

This product is designed to be mixed in the ratio of 1 part by weight of crosslinker to 1 part by weight of base. Visual estimation of proportions is usually sufficient. Measure out the desired quantities of respective components and mix by hand until color is uniform. Be careful not to mix more than can be applied in two minutes.

Immediately after mixing press material into desired shape. Take care to avoid air entrapment.

Temperature will affect cure rate. Requirement for cure are dependent on the particular application and should be determined by the user.

TYPICAL PROPERTIES.

BASE, AS SUPPLIED	
COLOR	VIOLET
CONSISTENCY	SOFT PASTE
CROSSLINKER, AS SUPPLIED:	
COLOR	WHITE
MIXED, UNCURED:	
WORKING TIME @25°C, MINUTES	8-10 mins
MIXED AND CURED, 1:1 RATIO: (CURED 15 MINUTES AT 25°C)	
DUROMETER, SHORE A UNITS	40
TENSILE STRENGTH, psi	300
ELONGATION, %	100
TEAR STRENGTH, ppi	20

Values listed are typical and not intended for use in specifications.

SAFETY PRECAUTIONS:

Contact with the eye may cause temporary eye discomfort. Do not get in eyes.

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APPLICATIONS and PRECAUTIONS:

The components of this product are designed to be mixed in a 1:1 ratio. Visual estimation of proportions within 10% is sufficient to achieve the proper mix ration. Cure rate is very sensitive to ambient temperature. Temperatures below 20° C will increase work and cure time. Refrigeration of components prior to use can be used to extend work time if desired.

Contamination by trace amounts of various compounds can result in unreliable cure of the material. Therefore, it is important to avoid contamination of the product and any surface/material to which the product is exposed. All the equipment should be thoroughly clean. Organic rubbers often contain often contain compounds which can interfere with the cure of this material and should be avoided. Inhibition may be detected by applying a small quantity of compounded material over a localized area of the surface. If material is gummy after curing time, surface is acting as an inhibitor. **Do not cross contaminate Base and Crosslinker.**

STORAGE AND SHELF LIFE

This material should be stored under cool and dry conditions. Containers should be sealed.

Factor II Corporation warrants that this product shall meet applicable specifications and descriptions for a period of six months from the date of shipment when stored in the original sealed container below 30°C.

PLEASE NOTE:

Factor II, Inc. warrants that this product meets applicable descriptions and specifications,. No other expressed or implied warranties are intended. Factor II's sole liability is limited to refund of purchase price, or replacement, of goods demonstrated to be otherwise as warranted.

Factor II, Inc. disclaims any expressed or implied warranty against the infringement of any patent. Any suggestion of use by Factor II should not be taken as inducements to infringe on any particular patent.

The user of this material must independently determine that any process in which this material is used is capable of producing a safe and effective product. The user must thoroughly test any application consistent with industry requirements and/or standards.