



**QUICK REPLICAS!**

**ZERO SHRINKAGE!**

## METROLOGY CASTING MATERIAL

Exotic Metrology-Grade Rubber—Self-Curing in Minutes  
Virtually Perfect Replica Casting of Internal and External Forms  
Non-Toxic—Easy To Use—100 Times Faster Than RTV Silicones  
No Release Agent is Ever Needed.  
Excellent For Checking Parts With Optical Comparators!

**NOW SUPPLIED IN THREE VISCOSITIES:**

### Ia. Original Reprorubber Thin Pour



**Final Color - LIGHT GREEN**

For internal-shape applications where a thin pour will completely fill the cavity without voids. A complete replica casting is quickly formed.

- Manipulation time is approximately 2 minutes and cure time is approximately 10 minutes.
- Start to finish: 15-20 minutes.
- Kits include graduated mixing cups, wooden spatulas and instructions.

**Trial Size Kit:**

**Order No. 16116** - Thin Pour 130ml Trial Kit

**Standard Size Kits:**

**Order No. 16135** - Thin Pour 380ml Kit

**Order No. 16137** - Case of 10 380ml Kits

### Ib. New Reprorubber Thin Pour Prefilled Cartridges



**Final Color - LIGHT GREEN**

Same viscosity and durometer as Original Reprorubber Thin Pour. Disposable prefilled dual barrel 50 ml cartridges can quickly mix and dispense casting material utilizing the REPRO-MIX II Gun System.

For internal-shape applications where a thin pour will completely fill the cavity without voids. A complete replica casting is quickly formed.

- Cure time is approximately 10 minutes.
- Start to finish: 10-15 minutes.

**Available in Complete System Kits & Refill Packs. See Pages 6-7 for more information and ordering.**



### II. New Reprorubber Orange - Medium Body



**Final Color - ORANGE**

New Medium Body (Medium Viscosity - Medium Durometer) casting material ideal for both internal and external applications. Disposable prefilled dual barrel 50ml cartridges can quickly dispense casting material utilizing the REPRO-MIX II Gun System.

- Cure time is 5-6 minutes.
- Start to finish: 6-8 minutes.

**Available in Complete System Kits & Refill Packs. See Pages 6-7 for more information and ordering.**



**Judge Tool & Gage -- 800-214-5990 -- [www.judgetool.com](http://www.judgetool.com)**



CLONE ANY PART QUICKLY WITH



Made in U.S.A.

### III. Original Reprotubber Quick Setting Putty

#### Final Color - LIGHT BLUE

Roll two equal-sized balls of catalyst putty and base putty and simply knead them together like dough. Excellent for external shapes. Simply spread over master pushing down with fingers and wait for cure 8-10 minutes. You have 3 or 4 minutes of manipulation time. Therefore 14 minutes start to finish. You can also cast internal shapes and cavities but some pressure should be applied such as a weighted object on top.

#### Trial Size Kit

Order No. 16129 - 220ml Trial Quick Setting Putty Kit

#### Other Kits:

Order No. 16130 - 1<sup>3</sup>/<sub>4</sub> lb. (520ml) Introductory Kit

Order No. 16131 - 7 lb. (2150ml) Economy Kit



## PHYSICAL PROPERTIES AND APPLICATIONS

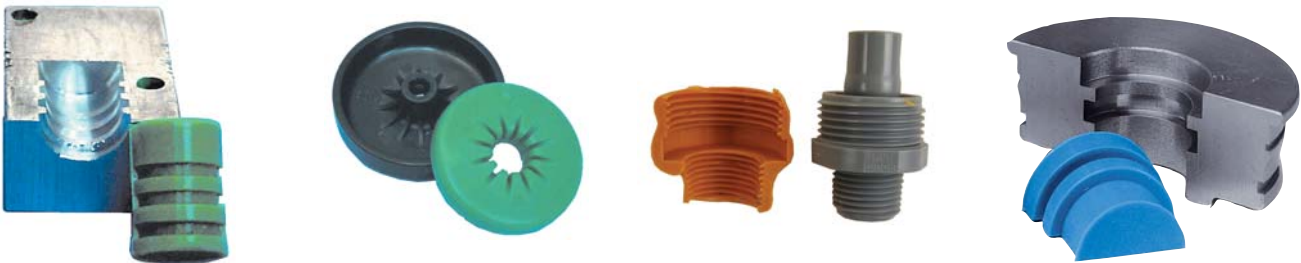
	REPRORUBBER THIN POUR	REPRORUBBER MEDIUM BODY ORANGE	REPRORUBBER QUICK SETTING PUTTY
Mix Time (Stirring in a cup)	30 - 45 seconds	45 - 60 seconds	30 - 45 seconds
Working Time (Manipulation Time)	2 minutes	N/A	2 minutes (from beginning of mix)
Setting Time (at room temperature)	10 - 15 minutes	5-6 minutes	6 minutes
Permanent Deformation	0.2%	0.3%	0.3%
Dimensional Stability	less than 0.50%	less than 0.40%	less than -0.25%
Tear Strength	44 pounds per sq. inch	300psi	105 pounds per sq. inch
Elongation	60% at break	70% at break	6.3% at break
Durometer (Shore A-2)	30 (at 15 minutes)	40 (at 10 minutes)	50 (at 7 minutes)
Temperature Stability	1 week @ 23°C (72°F)	1 week @ 23°C (72°F)	1 week @ 23°C (72°F)
Detail Reproduction	EXCELLENT	EXCELLENT	EXCELLENT

## APPLICATIONS:

- ALL METALS
- NON METALS
- ALL PLASTICS
- RUBBER
- PAPER OR CARDBOARD ITEMS
- WOOD, MARBLE, ETC.
- CERAMIC AND GLASS ITEMS

### Other Uses Include:

- Prototypes of rubber type components such as gaskets, washers, etc.
- Making joints where flexibility is required.
- As a mask for high temperature plasma spray of metallic coatings.
- Fixturing where semi-rigid structure is desired.



## PHYSICAL ADVANTAGES OVER THE HARD-COPY REPLICAS

- Replica is easy to remove - even if there are under cuts or grooves.
- Reprorubber copies can be recopied (copy from a "female mould" yields a male-shaped replica). See page 9 —EPOXY PARFILM ULTRA.
- Cross-sectioning of replica is easily accomplished with a knife or razor.
- Replicas are permanent - will not leach or ooze out nor outgas.
- It can then be checked on an optical comparator or microscope.
- NO MORE 16 HOUR CURE TIME AS WITH RTV SILICONES
- Surface finish replication is exact with excellent optical properties.
- MORE ACCURATE THAN ALL OTHER RTV COMPOUNDS
- REPRORUBBER PUTTY will withstand up to 600°F (or more).

**Judge Tool & Gage -- 800-214-5990 -- www.judgetool.com**

**METROLOGY-GRADE SELF-CURING CASTING FORMULA**  
 Now Available In Easy-To-Use, Prefilled Quick Dispense Cartridges

Supplied in Two Viscosities:

- I. The Original Reprorubber Thin Pour (Green) ideal for internal-shape applications.
- II. The New Reprorubber Orange, Medium Body, Multi-Use Formula for internal & external applications.



Shown Above: Quick Dispense internal casting (left) and external casting (right) using the new Flexbar Repru-Mix II Dispensing Gun System.

Now Available for Use with Reprorubber® Prefilled Cartridges:  
**REPRO-MIX II DISPENSING GUN SYSTEM & KITS\***

A Mixing and Dispensing System that Enables You to Make Quick and Accurate Reprorubber Replicas...Without Manual Mixing and Fuss!

Helix-design mixer guarantees complete mixing of base and catalyst.

Prefilled 50ml Dual Barrel Cartridges 1:1 Ratio



Orange (Medium Body)

Thin Pour (Green)



Reusable, Rugged REPRO-MIX II GUN

Snap-on Micro Inject Nozzle (optional) for small holes and cavities



Low cost, disposable mixing nozzle tips allow multiple applications

\* Please note, Repru-Mix II System Components are not interchangeable with original Repru-Mix Dispensing Gun System.



## QUICK DISPENSE CARTRIDGE SYSTEM KITS

Repro-rubber Quick Dispense Cartridge System Kits contain everything you need to easily create Highly Accurate, Zero Shrinkage replicas. Each kit includes 1 each Repro-Mix II Reusable Dispensing Gun, 6 each 50ml Prefilled Repro-rubber Disposable Cartridges, 15 Disposable Mixing Nozzles, 2 Micro Injector Snap-On Nozzles, and a Deluxe Fitted Carrying Case.



Kit No. 16300, Repro-rubber Thin Pour (Green)



Kit No. 16305, Repro-rubber Orange



Kit No. 16309, Repro-rubber Combo Thin Pour & Orange

### ORDERING COMPLETE KITS:

**No. 16300**, Repro-rubber Thin Pour (Green) Quick Dispense Cartridge System Kit Complete.

**No. 16305**, Repro-rubber Orange (Medium Body) Quick Dispense Cartridge System Kit Complete.

**No. 16309**, Repro-rubber Combo Kit Quick Dispense Cartridge System Kit, Includes 3 each Thin Pour & 3 each Orange.

### SYSTEM REFILLS:

**No. 16301**, Repro-rubber Thin Pour (Green) 50ml Cartridge, 1 each.

**No. 16302**, Repro-rubber Thin Pour (Green) 50ml Cartridges, 6 pack.

**No. 16306**, Repro-rubber Orange (Medium Body) 50ml Cartridge, 1 each.

**No. 16307**, Repro-rubber Orange (Medium Body) 50ml Cartridges, 6 pack.

**No. 16311**, Repro-Mix II Dispensing Gun (reusable).

**No. 16313**, Repro-Mix II Helix Mixing Nozzles, 15 Pack.

**No. 16316**, Repro-Mix II Helix Mixing Nozzles, 100 Pack.

**No. 16315**, Quick Dispense Cartridge System Fitted Case (without contents).

**No. 16314**, Micro Injector Snap-On Nozzle, Pack of 15.



# Reprorubber® Single Application System

Convenient - Easy to Use  
Quick Replicas with Zero Shrinkage!



## NEW FROM FLEXBAR

Designed for small, accurate reproductions. No waste! No Mess!

## INDUSTRIAL APPLICATIONS

Metalworking  
Automotive  
Aerospace  
Oil & Gas  
Medical Devices  
Plastics  
Sheet Metal & Stampings  
Forensics  
Art Restorations  
Many More

- Single Use Cartridges (3.12ml each)
- Prefilled with Reprorubber Orange Medium Body
- Single Use system designed for small, accurate reproductions
- Kits include Applicator, Cartridges, Mix-Tips and Case

### Introductory Kits

Model No.	Description	Cost
16170	10 Use Kit. Includes Applicator, 10 Cartridges, 10 Mix-Tips	\$ 99.50
16171	20 Use Kit. Includes Applicator, 20 Cartridges, 20 Mix-Tips	\$169.00

### Refills and Accessories

Model No.	Description	Cost
16174-10	10 Piece Cartridge/Mix Tip Package	\$ 79.00
16174-20	20 Piece Cartridge/Mix Tip Package	\$149.00
16172	Hand Applicator	\$ 25.00
16173	Case w/adjustable dividers	\$ 10.00

To Order  
Call 800-214-5990

Or Order Online  
GagesOnline.com

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