



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 Reprotubber 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 Reprotubber Thin Pour Prefilled Cartridges



Final Color - LIGHT GREEN

Same viscosity and durometer as Original Reprotubber 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 Reprotubber 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.



FLEXBAR
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 - 1³/₄ 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
- ALL PLASTICS

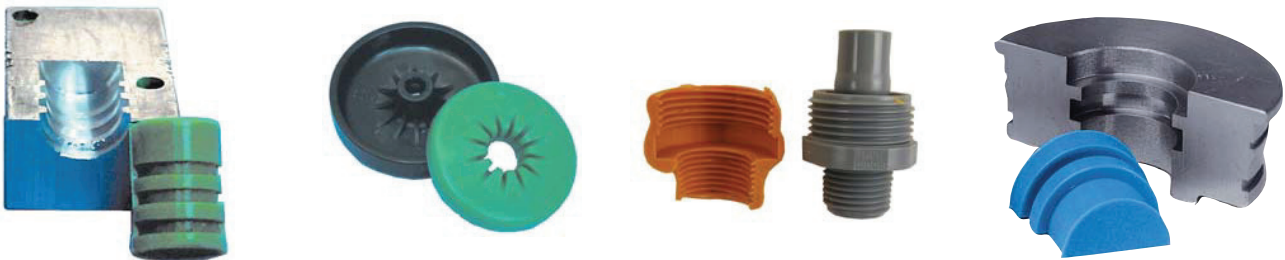
- NON METALS
- RUBBER

You can take impressions of:

- PAPER OR CARDBOARD ITEMS
- CERAMIC AND GLASS ITEMS
- WOOD, MARBLE, ETC.

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



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 Repo-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.

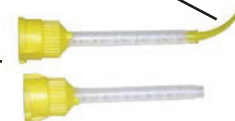
Prefilled 50ml Dual Barrel Cartridges 1:1 Ratio



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, Reprorubber Reprorubber II System Components are not interchangeable with original Reprorubber Dispensing Gun System.



QUICK DISPENSE CARTRIDGE SYSTEM KITS

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



Kit No. 16300, Reprotubber Thin Pour (Green)



Kit No. 16305, Reprotubber Orange



Kit No. 16309, Reprotubber Combo Thin Pour & Orange

ORDERING COMPLETE KITS:

No. 16300, Reprotubber Thin Pour (Green) Quick Dispense Cartridge System Kit Complete.

No. 16305, Reprotubber Orange (Medium Body) Quick Dispense Cartridge System Kit Complete.

No. 16309, Reprotubber Combo Kit Quick Dispense Cartridge System Kit, Includes 3 each Thin Pour & 3 each Orange.

SYSTEM REFILLS:

No. 16301, Reprotubber Thin Pour (Green) 50ml Cartridge, 1 each.

No. 16302, Reprotubber Thin Pour (Green) 50ml Cartridges, 6 pack.

No. 16306, Reprotubber Orange (Medium Body) 50ml Cartridge, 1 each.

No. 16307, Reprotubber Orange (Medium Body) 50ml Cartridges, 6 pack.

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

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

No. 16316, Repto-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.





CLONE ANY PART QUICKLY WITH

Made in U.S.A.



facsimile® QUICK-SETTING COMPOUND

MAKES ACCURATE HARD PLASTIC REPRODUCTIONS IN 6 TO 8 MINUTES

facsimile is a special plastic compound kit which is used for duplicating surface flats, roughness and for dimensional transfer of inaccessible locations. Many other applications are listed below and many more in our free 16 page applications booklet.

- Make duplicates for measuring, such as gages, etc.
- Test surface geometry, flatness, microfinish, etc.
- Make permanent records of surface geometry, etc.
- Make custom holding and nesting fixtures.
- Make quick jigs.
- Make excellent stylus patterns.
- Make instant molds and patterns.

- Cast small run parts and prototypes.
- Mask, fill in and seal.
- Fretting depth of blade dovetails in jet engines.
- Make potting, bonding and repairing easy.
- Closer inspection can be performed by allowing the casting to cure in a pressure vessel (15 p.s.i.).
- *facsimile* will not affect the surface of ferrous or non-ferrous materials to which it is applied.
- When casting in a "CONFINED" area, it is better to cast 1/2 of the internal shape.
- Remember—when casting without releasing agent, an ACETONE soak removes *facsimile*.

AVAILABLE IN LARGER "ECONOMY" KITS

TECHNICAL DATA

A test submitted by E.I. Dupont DeNemour & Company to an independent test lab showed the following properties of *facsimile*:

TEST PIECE APPROXIMATELY 1" BY 1/4" THICKNESS...

COMPRESSION TEST...Maximum load 6,800 lbs. Compression strength 9,650 PSI.

MECHANICAL PROPERTIES...Ultimate tensile 3,415 PSI.

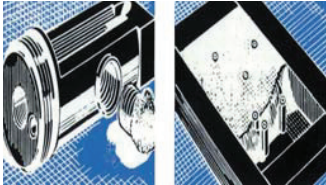
WATER ABSORPTION...(24 hours at 73°) 0.31% by weight.

The kit contains all material and instructions. The *facsimile* can be diluted from a putty consistency to a watery to best suit your job needs. If larger quantities of *facsimile* are desired they can be ordered in 3 lb. and 25 lb. kits at proportionately lower prices per pound.

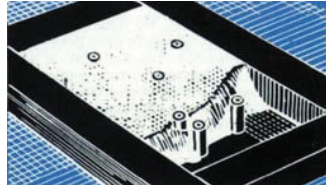
facsimile is Made in U.S.A.

APPLICATIONS AND TECHNICAL INFORMATION

SOME OF FACSIMILE'S MANY USES:



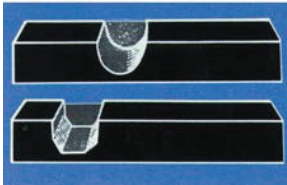
USE #1: To create a master or checking gage, just pour in *facsimile* and wait 6 to 8 minutes. Parts later can be conventionally ground, machined, etc., if desired. Drawing above shows creation of a thread gage.



USE #2: Shown above is a quick and inexpensive method of creating a drill fixture. Just pour *facsimile* around drill bushings and wait 6 to 8 minutes. Casting must be a thick section 3/8" or more. USE MAGNETS TO HOLD PLATES.



USE #3: Without removing work from the machine set-up you can create a "facsimile" test sample which can be carried away for testing. Duplicates from 3 to 1,000 Microinches perfectly.



USE #4: Used for checking radii and angular internal and external recesses, often in difficult to measure areas.



USE #5: Optical projections of forms made with "facsimile" are duplicates within millionths!



USE #6: Highly accurate and reliable casted replicas of internal thread forms are not only possible but they are being performed daily by *facsimile* users the world over.

facsimile is 100% Government approved for ANTI-CONTAMINATION and all ATOMIC and NUCLEAR APPLICATIONS by virtue of not containing (even traces of): All Halogens—Mercury—Sulphur—Lead—Copper—Brass—Phosphorous—Zinc—Arsenic—Antimony—Aluminum—Cadmium—Tin—Bismuth—Boron or any compounds thereof. CERTIFICATES WILL BE PROVIDED.

FLEXBAR[®] facsimile[®] QUICK-SETTING COMPOUND

Made in U.S.A.

ORDERING INFORMATION:

INTRODUCTORY KIT One Lb. Kit No. 16000

Complete Kit Contains:

- FACSIMILE POWDER, 1 lb. Troy
- 1 - 120cc FACSIMILE liquid
- 1 - 60cc Flexbar Release Agent
- 1 - Powder scoop
- 1 - Molding clay
- 10 - Disposable cups (graduated)
- 10 - Wooden spatulas
- 1 - 1 oz. polypropylene measuring cup



Introductory Kit - 1 lb kit No. 16000



Free 16 page applications book available on request.
CATALOG F-206

COMPLETE KITS*

- 16000 1 lb. Kit FACSIMILE
- 16003 3 lb. Kit FACSIMILE*
- 16025 25 lb. Kit FACSIMILE

#16000, one pound kit yields 20 cubic inches of solid (cured) material.
#16003, three pound kit yields 62 cubic inches of solid (cured) material.
#16025, twenty five pound kit yields 518 cubic inches of solid (cured) material.

REFILLS FOR FACSIMILE KITS

Order No.

- 16200 60cc Release Agent, soap based
- 16201 Pint Release Agent, soap based
- 16202 1 lb. Jar Facsimile Powder
- 16203 3 lb. Jar Facsimile Powder
- 16204 25 lb. Drum Facsimile Powder
- 16205 120cc Bottle Facsimile Liquid
- 16206 Pint Can Facsimile Liquid
- 16207 Quart Can Facsimile Liquid

- 16208 Gallon Can Facsimile Liquid
- 16209 100 ea. 3 oz. Paper Cups Graduated
- 16210 100 ea. 1 oz. Plastic Cups Graduated
- 16211 25 ea. 6-1/2 oz. Plastic Cups Graduated
- 16212 100 ea. Sticks, Mixing, Narrow
- 16213 1 lb. Bar Molding Clay
- 16214 100 ea. Sticks, Mixing, Wide
- 16914 60cc Release Agent, oil based
- 16915 Pint Release Agent, oil based

For Air Shipments, EXTRA CHARGE for D.O.T. Approved.
Containers and Overpacking for Facsimile Liquid only.

NEW—SUPER RELEASE AGENT

EPOXY PARFILM ULTRA

**A NEW and Highly Effective Release Agent
for users of Facsimile "measure image".
NON-CFC, NON-VOC Formula.**

Epoxy ParFilm is the culmination of a search for a suitable release agent for epoxies.

Epoxy ParFilm offers better release than polyvinyl alcohol and wax with a much thinner film application.

The highly effective, very thin film obtainable from Epoxy ParFilm Release is non-melting and will not carbonize. This makes it suitable for use with exothermic cures, such as Facsimile "measure-image" replication compound.

Epoxy ParFilm can be applied quickly with the easily operated directional valve which is standard.

Epoxy ParFilm is non-combustible, non-toxic and non-allergenic. Contains NO CHLORINATED SOLVENTS.



Order No. 16136, Epoxy ParFilm, 18 ounce spray

Important Notice to Users of REPRORUBBER by Flexbar:

SEPARATION OF REPRORUBBER NOW POSSIBLE WHEN CASTING REPRORUBBER FROM REPRORUBBER.

For Reprorubber[®] Thin Pour and Facsimile[®] Users

MONOJECT PRECISION DISPENSING SYRINGES



.060" dia. curved tip for injecting Reprorubber or Facsimile into small holes. Tip can be cut to allow greater flow.

Provides User With An Easy Method Of Injecting Pre-Mixed Reprorubber or Facsimile Into Small Holes, Grooves or Small Spaces.

10cc capacity syringes are easily filled and disposable once used. Sold in low cost packages of 10 each.

Model No. 16190, Monoject 10cc Syringe Pac (10 each)



Made in U.S.A.

FLEXBAR FINE PROOFING ALLOY

No. 16117 - Reusable Low-Melting Alloy (finest grade).

KEYNOTE OF APPLICATIONS

Growth after casting is $+.0002''$ after 6 minutes. However, after 30 minutes the change is $.0000$ (zero), so that this is the best time for removal and inspection. After 1 hour and up to 21 days, the change is between $.0001''$ and $.0002''$ on the minus side.

USES: PROOFING VIA REPLICATION OF:

Dies—Moulds—Internal and External Thread Forms—Texture Check—Grooves—Slots—O-Ring Grooves—Gear Teeth—Splines—Surface Finish Replication—Extra-Fine Fixturing—Checking Undercuts

OTHER USES:

1. Precision holding of irregular work pieces during machining.
2. Dental-type model making.
3. Drill bushings for drill jigs.
4. Chucks for lens buffing—gem cutting.
5. Transfer templates in contour jigs.
6. Cores for electroforming.
7. Compound wax patterns—lost wax patterns.
8. Duplicating plastic. Facsimile or Plaster patterns.
9. Fusible elements in safety devices and alarms.
10. X-Ray (radio opaquing).



GOING:

Male to Female to Male or
Female to Male to Female

Flexbar No. 16117 Fine Proofing Alloy can be used for both in conjunction with our Facsimile Measure-Image Replicating Material.

Steps: Make your first impression with No. 16117 alloy and let it cool down or accelerate cool down with water. Put oil or Release Agent on alloy replica. Dam off where necessary with plasticene or clay and mix Facsimile and pour into alloy replica.

Note: In some cases the configuration might call for reversing the procedure by taking first replica with "Facsimile" and then pouring No. 16117 alloy into Facsimile cavity. Obviously the configuration of the original would dictate which way to go.

Accordingly—you can clone or reproduce original parts for prototypes-small production runs, etc.



PHYSICAL PROPERTIES No. 16117

Melting Temperature or Range °F	Latent Heat of Fusion BTU/lb.	Composition %	Growth-Shrinkage Time After Casting	
117	6	Bismuth 44.7	6 Minutes	$+.0002$
Weight lb./in. ³	Brinell Hardness No. 12	Lead 22.6	30 Minutes	$.0000$
Specific Heat-	Tensile Strength-	Tin 8.3	1 Hour	$-.0001$
Liquid .035	Lbs./in. ² 5400	Cadmium 5.3	5 Hours	$-.0002$
Solid .035	% Elongation in Slow Loading 1.5	Indium 19.1	24 Hours	$-.0002$
			21 Days	$-.0002$

No. 16117, Fine Proofing Alloy (price per pound*)

*Each 1 lb. cake may vary slightly in weight.

PRICE SUBJECT TO CHANGE ACCORDING TO MARKET CONDITIONS



Made in U.S.A.

FLEXBAR FIXTURING ALLOY No. 15158

- Reusable low-temperature melting Alloy (158°F) for supporting thin-walled sections which require machining. No. 15158 does not shrink upon solidification rather it exhibits slight "growth" so that it **locks** into the part being machined. After machining you simply melt it out in hot water.
- It melts at 54°F below boiling point of water so that when you go to use it you simply put it in a cast iron, stainless steel or porcelain lined pot and into hot water bath to melt it.
- Reusable many times.
- No drosses created owing to low heat required prior to pouring it.



USES OF NO. 15158:

ANCHORING:

- Locator Members in Aircraft & Automotive Assembly, Drill, Inspection & Welding Fixtures.
- Precision Parts for Testing & Inspection.
- Reamers for Axial & Concentric Alignment in Turret Tool Holders.

CHUCKS, JIGS AND FIXTURES:

1. Spinning Metal into Re-Entrant or Bottle Neck Shapes.
2. Holding Irregular Shaped Work Pieces During Machining.
3. Bushings Anchored in Drill Jigs.
4. Cast Ref. Surfaces in Assembly, Checking, Die Spotting, Drilling, Inspection Fixtures.
5. Transfer Templates in Contour Jigs.

DIES AND PUNCHES:

1. Drop Hammer, for Short Run Sheet Metal Forming.
2. Light Sheet Metal Embossing Dies.

CORES FOR:

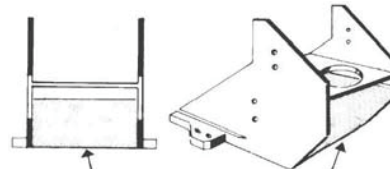
1. Intricate, Compound Foundry Cores.
2. Holding & Forming Fiberglass Laminates.
3. Compound Wax Patterns.

MODELS AND PATTERNS:

1. Duplicate Patterns for Foundry Match Plates, Ceramics, Plastics and Pottery.
2. Patterns Compensated for Shrinkages.

PROCEDURE

- A. The molten alloy is poured around the item to be machined. A simple dam or jug to contain the alloy until solidified is all that is required.
- B. Although the molten alloy can be solidified more quickly with water or a fan, it is not necessary, but it would produce a finer crystal structure. As the alloy is used at such a low temperature, there is no danger of affecting the temper of the work piece.
- C. The part is then machined to the necessary configuration.
- D. Removal of the alloy is accomplished in hot water or with a steam-bath. Chips that float to the top of the molten alloy are removed by skimming, leaving the alloy clean enough to be reused.



Flexbar Fixturing Alloy

OTHER USES:

- Heat Transfer • Tempering • Sheet Plastic Curing • Vulcanizing • Dyeing
- Tube Bending (replaces other materials such as lead, tar, sand and rosin) which have disadvantages such as: Flammability—difficulty of removal—inadequacy to fill void fully, etc. Plated tubes can be bent without flaking of surface. As a tube filler it allows tubes to be bent-swaged-rolled-or drawn.
- Reveals pin holes or cracks owing to liquidity of No. 15158, also thin sections revealed by slight expansion of No. 15158 upon solidification.
- Bending procedures and other data as well as Do's and Don't's included with material.

Melting point °F	158
Density (Lb./in. ³)	0.34
Latent heat of fusion (BTU/Lb. °F)	14
Specific heat—Liquid (BTU/Lb. °F)	0.04
Specific heat—Solid (BTU/Lb. °F)	0.04
Thermal Conductivity (BTU/Hr. Ft. °F)	10

PHYSICAL PROPERTIES No. 15158

Melting Temperature or Range °F	158	Latent Heat of Fusion BTU/lb.	14	Composition %	Growth-Shrinkage Time After Casting
Weight lb/in. ³	.339	Brinell Hardness No.	9.2	Bismuth 50.0	6 Minutes +.0027
•Specific Heat- Liquid	.040	Tensile Strength- lbs./in. ²	5990	Lead 26.7	30 Minutes +.0045
				• % Elongation in Slow Loading	200
Solid	.040	Loading, Lbs./in. ²	•Max. Load 30 sec. 10,000 •Max. Load 5 min. 4,000	Cadmium 10	5 Hours +.0051
				Indium None	24 Hours +.0051

Model No. 15158, Fixturing Alloy (price per pound*)

*Each 1 lb. cake may vary slightly in weight.

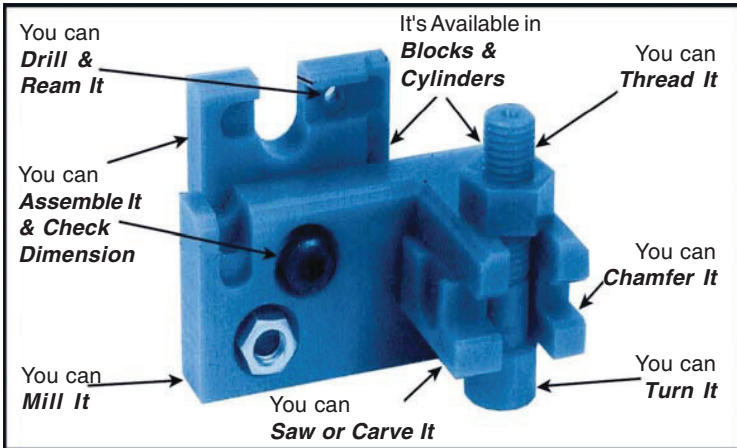


MACHINABLE WAX PATENTED

Made in U.S.A.

Use Flexbar Machinable Wax

To Reduce Your Costs, Time, and Risk Factors Associated with **PROOFING CNC Tooling Programs, TRAINING CNC Programmers or DEMONSTRATING CNC Machinery and CAD/CAM Systems**



STATE-OF-THE-ART MATERIAL

Computer-controlled machining and designing methods have revolutionized manufacturing world-wide. With these advancements has arisen a growing need to evaluate data "up front" more economically and safely, in less time and with accurate results. Because of these concerns, the material used in the "prove-out" phase has become a major factor.

MACHINABLE WAX, (patented) unlike metal, plastic and wood, features all the properties necessary to meet the requirements of CNC and CAD/CAM program proofing. It's very machinable, dimensionally stable, safe to work with and very economical because it is reclaimable and remachinable.

From lathe to mill (handled robotically) in only 55 minutes...that's how short of a cycle time it took for Computervision, Inc., to produce the CAD/CAM generated prototype (shown at right) out of MACHINABLE WAX. Computervision, Inc. estimated that it would have taken at least 8 hours to machine using steel. And the wax prototype provided all the necessary data to verify the CAD/CAM-CNC program.

ECONOMICAL

Flexbar Machinable Wax will reduce your proofing costs because it is inexpensive, easy to work with and best of all...it can be reclaimed and machined repeatedly. MACHINABLE WAX is available in a wide range of blocks and cylinders (standard or custom sizes).

FLEXBAR MACHINABLE WAX

VERY MACHINABLE MATERIAL

You can easily machine Flexbar Machinable Wax without the need for costly and messy coolants or lubricants, because MACHINABLE WAX is "self-lubricating", "non-abrasive" and it will not fuse when machined at high-end spindle rpm's and feed rates.

Unlike wood or plastic, MACHINABLE WAX will not "gum up" on tool bits. As illustrated by the machined and assembled prototype on the front of this bulletin, sharp edges can be maintained, accurate threads can be cut and thin wall sections maintained with the quality of surface finish capable of being produced by your cutting tools and machine. MACHINABLE WAX is not cellular, grainy, or abrasive so "voids" in machined surfaces (common with plastics and wood) and "tool wear" are negligible. Flexbar Machinable Wax will also machine "within designated tolerances" to provide you with a dimensionally accurate prototype that can be assembled for checking.



SAFE MATERIAL TO WORK WITH

Flexbar Machinable Wax has a very high flash point of 575°F, and is formulated with non-toxic, self-lubricating components. MACHINABLE WAX, unlike most plastics, will not release any offensive or hazardous dust particles or odors during or after machining. Unlike metal, MACHINABLE WAX does not require coolants for machining and will not produce "sharp" machine chips which otherwise could be unsafe due to splashing. Coolant also obscures visual inspection of piece during machining.



MACHINABLE WAX SPECIFICATIONS

Hardness	50-55 (Shore "D" Scale)
Specific Gravity	.92
Flash Point	575°F.
Softening Point	226°F.
Volumetric Shrinkage @ room temperature	7%
Coloring	permanent, oil base, blue dye

Machine Wax is Available in Rectangular Blocks and Cylinders.

Model No.	Size	
15160	3" x 7" x 1.5"	Rectangular Block
15161	3" x 7" x 3"	Rectangular Block
15162	5" x 10" x 3"	Rectangular Block
15163	6" x 12" x 3"	Rectangular Block
15164	24" x 24" x 2"	Rectangular Block
15170	1.5" dia. X 12"	Cylinder
15165	2" dia. X 12"	Cylinder
15166	3" dia. X 12"	Cylinder
15167	4" dia. X 14"	Cylinder
15168	6" dia. X 18"	Cylinder

Other Standard Sizes Available In The Following Dimensions:

RECTANGULAR	CYLINDRICAL	
THICKNESS-	DIAMETER	MAX LENGTH
2" through 8" (1" increments)	1.5"	Up to 12"
	2"	Up to 12"
	3"	Up to 18"
WIDTH-	4"	Up to 24"
6" through 24" (6" increments)	5"	Up to 30"
	6"	Up to 30"
LENGTH-	7"	Up to 18"
6" through 48" (6" increments)		

Phone or Email for Prices