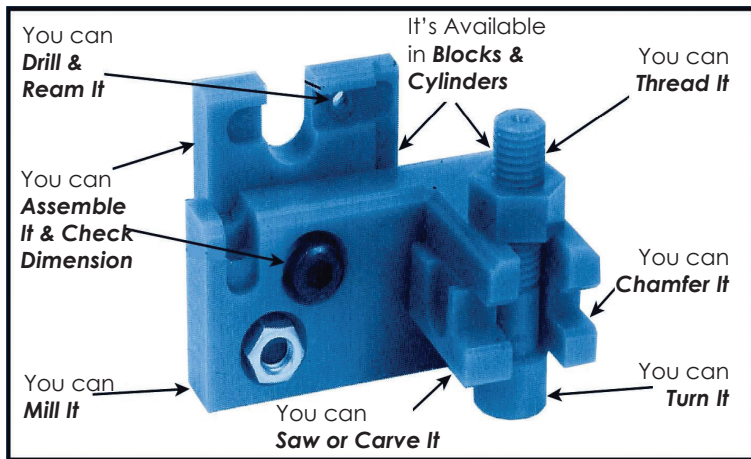


FLEXBAR[®] MACHINABLE WAX



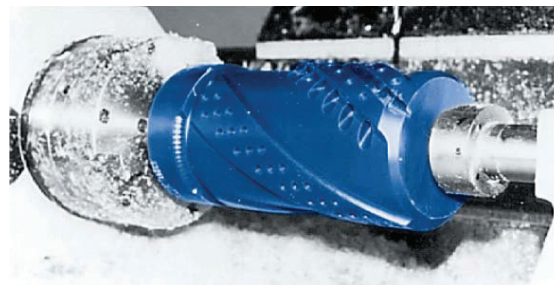
Use Flexbar Machinable Wax

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



MACHINABLE WAX, 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 left) 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.



FLEXBAR MACHINABLE WAX

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. 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.

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



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.



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 Sizes Available In The Following Dimensions:

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

Contact us at sales@flexbar.com with your specifications and for a Distributor near you.