

# Metapor Porous Mold Material

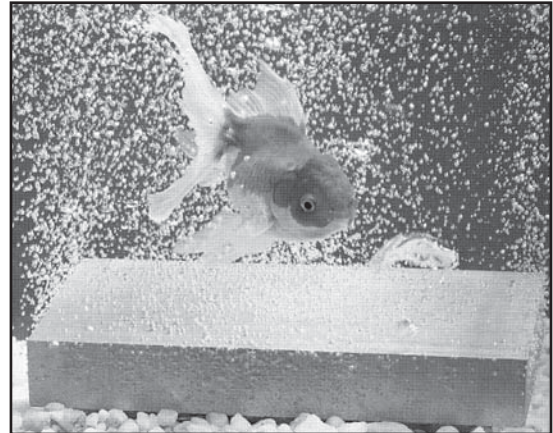
## Micro-porous, Air-permeable Aluminum Mold Material!

Metapor represents a major breakthrough in material sciences. The aluminum material was custom designed to significantly speed up the manufacture of thermoforming molds and enhance their performance. Thermoform mold manufacturers can now expand their design flexibility and reduce manufacturing costs.

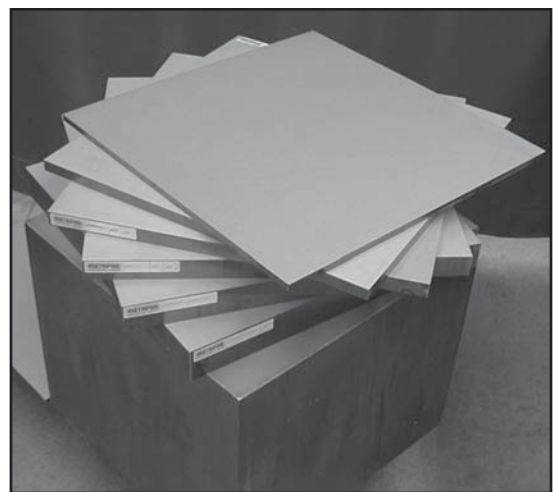
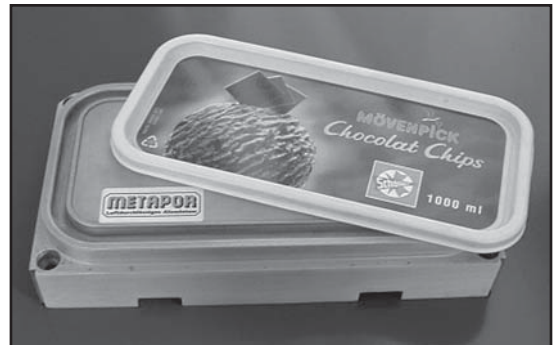
The micro-porous, air-permeable aluminum is ideal for male or female molds, rapid prototyping, bottom inserts, detailed engravings, large flat surfaces and more. The material is easy to machine and cuts faster than aluminum, similar to hard wood. The result is a smooth surface finish.

This revolutionary aluminum mold making material eliminates the need for time consuming venting, tracking and back drilling. The micro-porous, air-permeable material provides even evacuation for high definition thermoforming. The problem of surface mark-off, caused by trapped air is completely eliminated.

Design flexibility is dramatically enhanced because micro-vents are an integral part of all surfaces. The material's inherent properties eliminate the need to design and manufacture complex venting systems. Metapor offers thermoformers the ability to design and manufacture molds faster and at a lower cost.



IT BREATHES...



# METAPOR

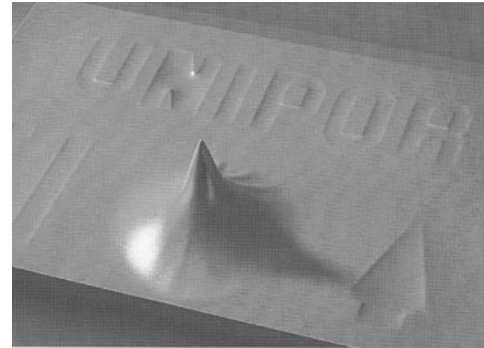
## Rapid Part Prototyping

Drastically reduce time to go from part concept to providing your customer with sample thermoformed parts. Metapor is the choice for rapid prototype mold making. Metapor machines and polishes considerably faster than standard aluminum. CNC programming, designing, and machining of complex venting systems are eliminated.

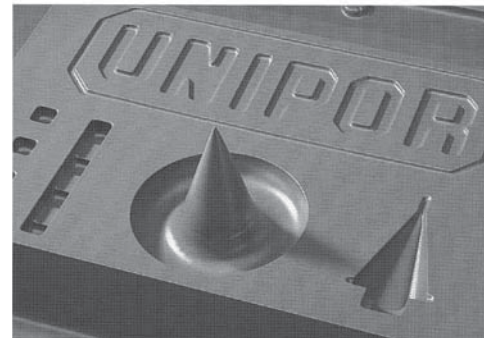
### BENEFITS...

- Rapid part prototyping
- Eliminate venting, tracking and back-drilling
- Reduce mold manufacturing costs
- Eliminate surface mark-off
- Expand design flexibility
- Produce intricate shapes
- Improve finished part quality

We offer a full range of Metapor including the BF-100, HD-100, and HD-210 Aluminum. Let us help you chose the right micro-porous mold material for your job. Please visit our website for specifications or give us a call.



**THERMOFORMING WITHOUT VENTING,  
TRACKING OR BACKDRILLING**



### METAPOR MOLD MATERIAL

CATALOG #	Size	Weight
MP10	500mm x 500mm x 10mm (19.68" x 19.68" x .39")	10 lbs
MP15	500mm x 500mm x 15mm (19.68" x 19.68" x .59")	15 lbs
MP20	500mm x 500mm x 20mm (19.68" x 19.68" x .79")	19 lbs
MP30	500mm x 500mm x 30mm (19.68" x 19.68" x 1.18")	28 lbs
MP40	500mm x 500mm x 40mm (19.68" x 19.68" x 1.57")	47 lbs
MP50	500mm x 500mm x 50mm (19.68" x 19.68" x 1.97")	37 lbs
MP60	500mm x 500mm x 60mm (19.68" x 19.68" x 2.36")	56 lbs
MP70	500mm x 500mm x 70mm (19.68" x 19.68" x 2.75")	66 lbs
MP80	500mm x 500mm x 80mm (19.68" x 19.68" x 3.15")	75 lbs
MP100	500mm x 500mm x 100mm (19.68" x 19.68" x 3.94")	94 lbs
MP400	500mm x 500mm x 400mm (19.68" x 19.68" x 15.75")	400 lbs

*Other thickness may be available. Please call.*

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