

SHEET WAX

Sheet Wax is used primarily to simulate metal or part thickness when making metal forming dies or punches, resin transfer molds (RTM), or any two- part molds where a uniform part thickness is desired.

Formulated and manufactured by Freeman to a uniform thickness of $\pm.001$ inch, our wax sheets can be ordered with or without an adhesive back. They are also available in a regular temperature formulation, which features greater durability, depression resistance, and translucency (in thinner sheets) and a high temperature formulation, which features maximum flexibility and natural draping characteristics.



DID YOU KNOW?

You can watch our Sheet Wax video online!

Our Video Library is available on our website, www.FreemanSupply.com, or on our YouTube channel [@freemanmfg](https://www.youtube.com/@freemanmfg). We feature over three hours of instructional and product videos, offering the most comprehensive free resource for the making of parts, patterns, tools and molds. We also have all our videos available for purchase on **eBay!** Start watching today!



SHEET WAX

▶ *Freeman Sheet Wax is used primarily to simulate metal or part thickness when making metal forming dies or punches, resin transfer molds (RTM), or any two-part molds requiring a uniform part thickness. Formulated and manufactured by Freeman, these waxes are available in most thicknesses from .007" to .394" with a tolerance of $\pm .001$ ".*

266 Hi-Temp Thermo-Stable Sheet Wax

Our most popular sheet wax, this medium brown wax was developed primarily for use with tooling plastics to prevent wax deformation under exothermic heat conditions. **12" x 24"** is available Plain or Adhesive-backed.

- ▶ More flexible than 165 Regular Sheet Wax – forms quickly and accurately to any contoured surface
- ▶ Natural draping characteristics at room temperature and absence of memory (spring-back) eliminate the need to warm or temper wax
- ▶ Melting point of 282°F
- ▶ Adhesive can be applied manually with Sheet Wax Adhesive Spray (page 84)

Please see our website, www.FreemanSupply.com, for complete details and part numbers. When ordering, specify the type, backing, and thickness you require. Custom thicknesses are available with a 10 box minimum.

165 Regular Sheet Wax

This yellow-colored wax is formulated for durability and translucency. **12" x 24"** is available Plain or Adhesive-backed. **8" x 12"** is available by special order, Plain-back only.

- ▶ Firm surface for durability and depression resistance
- ▶ Translucency of sheets up to 1/8" thick, excellent for visualizing layout lines and transcribing engineering information
- ▶ Melting point of 177°F
- ▶ Adhesive can be applied manually with Sheet Wax Adhesive Spray (page 84)

Master HT-260 Regular Sheet Wax

Formulated to withstand high temperatures, this wax was developed for casting and laminating resins that either require or give off heat during curing. **12" x 24"** is available Plain or Adhesive-backed.

- ▶ Extremely pliable
- ▶ Melting point of 260°F
- ▶ Adhesive can be applied manually with Sheet Wax Adhesive Spray (page 84)



SHEET WAX ACCESSORIES



Master Gap Wax

By popular demand, Freeman has formulated Master Gap Wax, a soft, green wax that quickly and easily fills gaps in sheet wax at room temperature. This wax applies much smoother and faster than clay and cleans up quickly. Apply with a spatula and remove excess with a plastic scraper in one pass! Available in Quart (**SKU #119669**) or Gallon (**SKU #119668**).

Sheet Wax Spray Adhesive

Sprayway Number 66 is the easiest way to coat plain sheet wax for fabrication. It can also be used on paper, plastics, leather, metal or glass.

SKU	Size
054510	15.6 fl. oz.



Fillet Tools

Freeman's high-quality, chrome-plated steel ball-end Fillet Tools are manufactured to accurate diameters to correctly and easily install wax or leather fillet.

SKU	Size	Radii
046380	# 1	1/16" & 1/8"
046385	# 2	3/16" & 1/4"
046390	# 3	5/16" & 3/8"
046395	# 4	1/2" & 5/8"

Protolina Modeling Clays

This soft, sulphur-free modeling clay is ideal for use in styling and engineering shops,

SKU	Hardness	Color	Net weight (lb.)
027204	2	Tan	1
027213	2	Gray	1
027228	2	Green	2

development and prototype work, and die and pattern shops. It will not deteriorate with age, is not sticky or greasy and will not crumble.

SHEET WAX APPLICATION PROCEDURE



1 Remove the backing from the self-adhesive wax sheets or apply Sheet Wax Spray Adhesive per directions on plain sheet wax.



2 Position wax sheets onto model or tool. Use butt joints or the 'overlay and cut' jointing technique.



3 Roll to extrude air bubbles for a flat, even surface.



4 Accurately fit subsequent pieces.



5 Consolidate corners using filleting tools.



6 Repair imperfections in joints by using Master Gap Wax or Protolina Modeling Clay.

LOCATIONS

Branch Locations and Public Warehouses

Freeman has strategically placed satellite locations across North America with customer service representatives ready to help. Thousands of products are stocked at these locations as well as public warehouses to reduce your shipping costs.

Strategic & Effective Stocking

Freeman's inventory staff constantly monitors sales and stocking data across the country to properly provide the right amount of products at each location.

Worldwide Shipping

Freeman ships orders all across the globe and has various international distributors available to supply customers with top-quality products.



OHIO (HEADQUARTERS)

1101 Moore Road
Avon, OH 44011
TEL 800-321-8511
TEL 440-934-1902
FAX 440-934-7200

KANSAS

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TEL 800-792-1047
FAX 817-568-0908

ONTARIO

3600B Laird Road Unit 8
Mississauga, ON L5L 6A7
TEL 800-345-9259
FAX 586-774-1019

QUEBEC

3475 boul Pitfield
Montreal, QC H4S 1H3
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TEL 514-335-3530
FAX 514-335-3225

CALIFORNIA

5525 S. Soto Drive
Vernon, CA 90058
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FAX 440-934-7200

MICHIGAN

27655 Groesbeck Highway
Roseville, MI 48066
TEL 800-345-9259
TEL 586-774-1210
FAX 586-774-1019

OREGON

15745 N. Lombard St., Ste. 100
Portland, OR 97203
TEL 800-558-0866
FAX 262-789-5407

TEXAS

3152 S.E. Loop 820
Fort Worth, TX 76140
TEL 800-792-1047
TEL 817-551-7301
FAX 817-568-0908

GEORGIA

5060 N Royal Atlanta Dr. #6
Tucker, GA 30084
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FAX 440-934-7200

NORTH CAROLINA

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Mocksville, NC 27028
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FAX 440-934-7200

PENNSYLVANIA

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Lititz, PA 17543
TEL 800-631-4230
TEL 717-653-5300
FAX 717-653-7372

WISCONSIN

4921 South 2nd St.
Milwaukee, WI 53207
TEL 800-558-0866
TEL 262-789-9800
FAX 262-789-5407

TERMS & CONDITIONS

Returned Goods

To save transportation charges, and facilitate handling of merchandise upon our receipt, we request that no merchandise be returned without prior written authorization.

Damaged Goods

Merchandise given to a transportation firm is their responsibility to deliver in satisfactory condition. If merchandise is delivered damaged, the customer should note as such on freight bill and file a claim with the delivering carrier. Regulations require that hidden damage, identified upon unpacking, must be reported within ten (10) days of delivery in order to file a proper claim.

Liability/Warranty Statement

Our products are intended for sale to industrial and commercial customers. We request that customers inspect and test our products before use and satisfy themselves as to contents and suitability. Nothing herein shall constitute a warranty, expressed or implied, including any warranty or merchantability or fitness, nor is protection from any law of patent to be inferred. All patent rights are reserved. The exclusive remedy for all proven claims is replacement of our materials and in no event shall we be liable for special, incidental, or consequential damages.

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