



# FREEMAN 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  $\pm .001$ ". Adhesive for these waxes can be applied manually with Freeman's Sheet Wax Adhesive Spray.

## 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" and 8" x 12" are available Plain or Adhesive-backed. 6" x 6" is available Adhesive-backed only.

- ▶ More flexible than 165 Regular Sheet Wax - forms quickly and accurately to any contoured surface
- ▶ Natural draping characteristics at room temp. and absence of memory (spring-back) eliminate the need to warm or temper wax
- ▶ Melting point of 282°F

## 165 Regular Sheet Wax

This sheet wax is formulated for durability and translucency - it is excellent for visualizing layout lines and transcribing engineering information. 12" x 24" and 8" x 12" are available Plain or Adhesive-backed.

- ▶ Firm surface for durability and depression resistance
- ▶ Translucency of sheets up to 1/8" thick
- ▶ Melting point of 177°F

## Master HT-260 Regular Sheet Wax

This wax can withstand high temperatures and 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

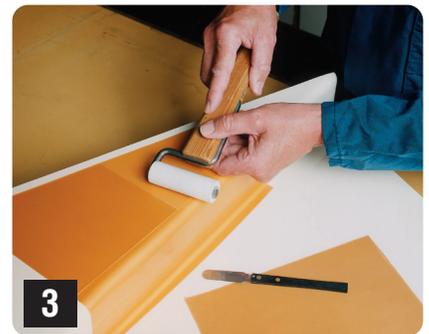
## Sheet Wax Application Procedure



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.

# ABOUT FREEMAN MANUFACTURING & SUPPLY CO.

Freeman is North America's extensive composites manufacturing materials supplier offering a comprehensive selection of fiberglass and carbon fabric, resins, releases, vacuum-bagging materials, and high-temperature tooling boards. Freeman's 14 locations across North America and dedicated technical team allows for high-quality products and service.

## BRANCH LOCATIONS & 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 SYSTEMS

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.



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