

Freeman Sheet Wax

Freeman Sheet Wax is used primarily to simulate metal or part thickness when making die models or duplicator models from plastic tooling or plaster. Formulated and manufactured by Freeman, our Sheet Waxes are available in two formulations; No. 266 Thermo-Stable and No. 165 Regular. Both formulations are available in plain back or easy to apply adhesive-back styles. Freeman Sheet Wax is manufactured in 12" x 24" sheets with a guaranteed uniform thickness of $\pm .001$.



165 Regular Sheet Wax

~~This style is formulated to provide durability, pliability and ease of application while being stretch and moisture resistant. The physical properties of this wax are:~~

- ~~• Uniform thickness accuracy of $\pm .001$ throughout~~
- ~~• The translucency of sheets up to $\frac{1}{8}$ " thick make it excellent for visualizing layout lines and transcribing engineering information~~
- ~~• Light yellow in color~~

266 Hi-Temp Thermo-Stable Sheet Wax

This style of wax was developed primarily for use with tooling plastics to prevent wax deformation under exothermic heat conditions. The physical properties that contribute to this wax's popularity are:

- Uniform thickness accuracy of $\pm .001$ throughout
- Firm surface for durability and depression resistance
- Maximum flexibility for forming quickly and accurately to any contoured surface (more flexible than 165 Regular Sheet Wax)
- Natural draping characteristics at room temperature and absence of memory (spring-back) eliminate the need to warm or temper wax
- Medium brown color

To order Freeman Sheet Wax:

Specify Type: No. 266 Hi-Temp
No. 165 Regular

Specify Backing: Plain (No Adhesive)
Adhesive Applied (Pressure Sensitive)

Specify Thickness: Decimal
Metric

Sheet Thickness		Sheets/Box	Styles Available			
Inches	Metric		165PL	165PS	266PL	266PS
.007	.20mm	10	X	X		X
.010	.25mm	10	X	X		X
.015		10	X	X		X
.018		10				X
	.30mm	10		X		X
	.40mm	10				X
.020	.50mm	10	X	X	X	X
.025		10	X	X		X
	.60mm	10		X		X
.028	.70mm	10				X
.030		8		X		X
.031		8	X	X		X
	.75mm	8		X		X
	.80mm	8		X		X
.035	.85mm	8				X
	.90mm	8				X
.040	1.00mm	8	X	X	X	X
.045		8				X

Inches and metric sizes are not correlated.

Sheet Thickness		Sheets/Box	Styles Available			
Inches	Metric		165PL	165PS	266PL	266PS
.047		8				X
.050		8	X	X		X
.055	.120mm	8				X
	.125mm	8		X		X
.060		8	X	X	X	X
.063		8	X	X		X
.065	1.30mm	8				X
	1.40mm	8				X
	1.50mm	8		X		X
	1.60mm	8				X
	1.70mm	8				X
	1.75mm	8				X
	1.80mm	8				X
.070		8	X	X		X
.072		8	X	X		
.075	1.90mm	8				X
	2.00mm	8	X	X	X	X
.080		6	X	X	X	X
.085	2.20mm	6				X
	2.25mm	6				X
.090	2.30mm	6	X	X		X
.094	2.40mm	6	X	X		X
.100	2.50mm	6	X	X	X	X
	2.60mm	6				X
	2.70mm	6				X
	2.75mm	6				X
.110	2.80mm	4				X
.116		4				X
.118		4				X
.120		4				X
.125	3.00mm	4	X	X	X	X
	3.20mm	4				X
1.40	3.30mm	4				X
	3.50mm	4		X		X
	4.00mm	4	X	X	X	X
.156		4	X			X
.158		4				X
.160		4	X	X		
.170	4.5mm	4				X
.188		3	X	X		X
	5.00mm	3		X		X
.200		3				X
.219		3				X
.250		2	X	X	X	X
	6.00mm	2		X		X
	7.00mm	2				X
	8.00mm	1				X
.375		1	X	X	X	X
.500		1	X	X		X

Inches and metric sizes are not correlated.

Additional sizes and styles available with a ten box minimum.

Call 800-321-8511 for details.

SEE ALSO:	Product	Application	Section
	Fillet Tools	Installation	Accessories
	Sheet Wax	Gluing	Adhesives
	Spray Adhesives		
	Plast-Econ Modeling Clay	Repair	Accessories

Application of Sheet Wax



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



4
Accurately fitting subsequent pieces.



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



5
Consolidation of corners using filleting tools.



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



6
Repair of imperfections in joints by using Plast-Econ Modeling Clay.