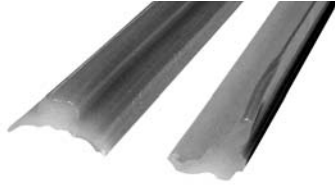


Accessories

Freeman Fillets

Freeman Wax Fillets

Freeman Wax Fillets are made of a performance-proven, high melting point wax formulation for meeting a wide variety of pattern shop applications.



Freeman Wax Fillets:

- Are easily applied to straight or irregularly shaped surfaces because of their flexibility.
- Can be painted using our Freeman Pattern Lacquers.
- Produce and maintain accurate radii regardless of application conditions.
- Can be applied to bare wood or coated surfaces without the use of an adhesive by using a heated fillet tool.
- Are available in 1/2 lb. rolls and 2 lb. boxes (24" straight pieces).

Catalog Number	Availability	Fillet No.	Dia./Radius	Approx. Length	Net Wt. (Lbs.)
085104	Box	1R	1/16" D	1640'	2
085208	Box	2	1/8" R	1152'	2
085212	Box	3	3/16" R	460'	2
085216	Box	4	1/4" R	320'	2
085220	Box	5	5/16" R	240'	2
085224	Box	6	3/8" R	190'	2
085228	Box	7	7/16" R	144'	2
085232	Box	8	1/2" R	106'	2
085240	Box	10	5/8" R	72'	2
085248	Box	12	3/4" R	44'	2
085264	Box	16	1" R	24'	2
085302	Roll	00R	1/32" D	1500'	1/2
085303	Roll	0R	3/64" D	1500'	1
085304	Roll	1R	1/16" D	750'	1
085408	Roll	2	1/8" R	500'	1
085412	Roll	3	3/16" R	400'	1
085416	Roll	4	1/4" R	175'	1
085420	Roll	5	5/16" R	125'	1
085424	Roll	6	3/8" R	85'	1
085428	Roll	7	7/16" R	40'	1
085432	Roll	8	1/2" R	40'	1

Freeman Di-Dup Wax Fillets

Freeman Di-Dup Wax Fillets are softer than our standard wax fillets and also have a lower melting point. These two features make them ideal for making inside radii on expanded polystyrene foam patterns. This material is cut into 24" lengths and packaged in two pound boxes.

Catalog Number	Availability	Dia./Radius	Fillet No.	Net Wt. (Lbs.)
085504	Box	1/4" R	4	2
085506	Box	3/8" R	6	2
085508	Box	1/2" R	8	2
085510	Box	5/8" R	10	2
085512	Box	3/4" R	12	2
085516	Box	1" R	16	2

Freeman String Wax

String Wax is a round wax product that, when melted, is used as an adhesive to secure investment casting wax patterns to the gating system or for general wax pattern repair.

Catalog Number	Availability	Dia./Radius	Aprox. Length	Net Wt. (Lbs.)
085606	Di-Dup String Wax-Roll	1/8" D	440'	2
085209	Fillet String Wax-Box	1/4" D	100'	2

Freeman Leather Fillets

Freeman Leather Fillets are manufactured with the highest grade leather and have multiple slits along the underside of the larger radius material for greater flexibility. This design also allows for faster fabrication and increased wear resistance. Freeman Fillet Cement or Cold White Glue may be used when applying leather fillets. Sold in full bundles only.

Catalog Number	Availability	Radius	Fillet No.	Feet Per Bundle
023105	Bundle	1/32"	1/2	100
023110	Bundle	1/16"	1	100
023115	Bundle	3/32"	1 1/2	100
023120	Bundle	1/8"	2	100
023125	Bundle	5/32"	2 1/2	100
023130	Bundle	3/16"	3	100
023135	Bundle	1/4"	4	100
023140	Bundle	5/16"	5	100
023145	Bundle	3/8"	6	100
023150	Bundle	7/16"	7	100
023155	Bundle	1/2"	8	100
023160	Bundle	5/8"	10	100
023165	Bundle	3/4"	12	100
023170	Bundle	7/8"	14	50
023175	Bundle	1"	16	50

Freeman Fillet Accessories

Fillet Shapers

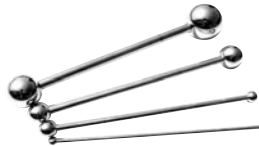
Made of high quality spring steel, this set of four fillet tools is ideal for installing fillets from TUF-Fil, TUF-Carv, or any epoxy paste material. Each tool is 5³/₄" long and is ground to a smooth radius. Radius sizes are 1/16", 1/8", 3/16", 1/4", 5/16", 3/8", 1/2".



Catalog Number	Description	Availability
046375	Fillet Shapers	Set of 4

Fillet Tools

Freeman's high quality chrome plated steel Fillet Tools are accurate diameters used to correctly and easily install wax or leather fillet.



Catalog Number	Description	Radii
046380	# 1 Fillet Tool	1/16" & 1/8"
046385	# 2 Fillet Tool	3/16" & 1/4"
046390	# 3 Fillet Tool	5/16" & 3/8"
046395	# 4 Fillet Tool	1/2" & 5/8"

Alcohol Lamp

This chrome plated brass Alcohol Lamp comes complete with snuffer cap attached by chain and an adjustable cotton wick. The 7" long cotton wick raises and lowers by hand screw.



Catalog Number	Description	Availability
046730	Metal Alcohol Lamp (5 oz.)	each
046735	Replacement Alcohol Lamp Wicks	each

Freeman Fillet Cement & Fillet Cement Thinner

Freeman Fillet Cement is a waterproof cement for attaching leather fillet on wood or metal patterns. Any surplus can be readily removed with alcohol or fillet cement thinner.

Freeman Fillet Cement Thinner is formulated to reduce the viscosity of Fillet Cement when necessary. Will not affect the cement or reduce waterproof qualities.

Celastic Solvent (Methyl Ethyl Ketone) may also be used for cleaning and thinning fillet cement.

Catalog Number	Description	Availability
023205	Fillet Cement	Quart
023210	Fillet Cement Thinner (acetone)	Quart
023215	Fillet Cement Thinner (acetone)	Gallon
023217	Fillet Cement Thinner (acetone)	5 Gallon
027275	Celastic Solvent (MEK)	Gallon
027280	Celastic Solvent (MEK)	5 Gallon

Mixing Cups, Gloves and Paddles

Paper & Plastic Mixing Cups

Ideal for mixing all types of tooling and reproduction plastics. Three types are available – untreated paper, lined paper, and plastic cups.



Catalog Number	Description	Size	Cups Per Pkg.	Cups Per Case
054045	Untreated Paper Cup	64 oz.	50	300
054048	Untreated Paper Cup	83 oz.	25	100
054050	Untreated Paper Cup	165 oz.	25	100
054037	Lined Paper Cup	16 oz.	50	500
054042	Lined Paper Cup	32 oz.	25	500
054031	White Plastic Cup	12 oz.	–	500
054036	White Plastic Cup	16 oz.	–	500
054041	White Plastic Cup	32 oz.	–	500
054047	White Plastic Cup	64 oz.	–	200
054049	White Plastic Cup	85 oz.	–	200
054056	White Plastic Cup (With Wire Handle)	128 oz.	–	120
054051	White Plastic Cup	166 oz.	–	120

Vinyl, Latex, and Nitrile Rubber Gloves

Protect your hands from chemical substances that might irritate your skin or cause an allergic reaction. Made of an ultra thin vinyl, latex, or nitrile rubber. The vinyl and latex gloves feature rolled cuffs to provide tear resistance and easy gripping. Wearing these gloves is mandatory when working with epoxies, urethanes, and polyesters.

Catalog Number	Description	Size	Pairs Per Box	Boxes Per Case
054060	Vinyl Gloves	Large	50	10
054061	Vinyl Gloves	X-Large	50	10
054064	Latex Gloves	Large	50	10
054063	Latex Gloves	X-Large	50	10
054066	Powder Free Latex Gloves	Large	50	10
054068	Powder Free Latex Gloves	X-Large	50	10
054062	Nitrile Gloves (Plaster) 12 mil.	Large	12	6
054069	Nitrile Gloves 7 mil.	X-Large	50	10

Wood Mixing Paddles

Wood mixing paddles for both gallon and 5 gallon containers. Both paddles are ideal for mixing paint, urethanes, epoxies, or any other liquid. Sold by the box.

Catalog Number	Description	Thickness	Width	Length	Qty/Box
054521	Wood Mixing Paddles for 1 Gallon	1/8"	1 1/8"	14"	500
054525	Wood Mixing Paddles for 5 Gallon	7/32"	1 3/8"	21"	250

Tongue Depressors

Polished hardwood, 3/4" x 6", packaged 500 per box. Excellent for mixing small quantities of tooling plastics and repair materials.

Catalog Number	Description	Qty/Box
054520	Tongue Depressors	500

Pattern Coatings – Primers, Paints and Sealers

Freeman 90-1 Pattern Coating

The industry standard, Freeman 90-1 is a durable, high-gloss, fast-drying, lacquer-based coating made up of heat-resistant resins to withstand the chemicals and heat encountered with most air-set and cold-set binders. It is self-leveling and can be applied by spraying when thinned with Freeman Fre-Thin Thinner.

Catalog Number	Description	Color	Availability	Net Wt. (Lbs.)
024105	90-1 Pattern Coating	Clear	Gallon	10
024110	90-1 Pattern Coating	Clear Orange	Gallon	10
024115	90-1 Pattern Coating	Black	Gallon	10
024120	90-1 Pattern Coating	Red	Gallon	10
024125	90-1 Pattern Coating	Burnt Orange	Gallon	10
024130	90-1 Pattern Coating	Yellow	Gallon	10
024135	90-1 Pattern Coating	Gray	Gallon	10
024140	90-1 Pattern Coating	Aluminum	Gallon	10
024145	90-1 Pattern Coating	White	Gallon	10

Freeman No. 60 Pattern Coating

Freeman No. 60 Pattern Coating is a sandable, gray-colored lacquer primer which is formulated for use with cold box and no-bake sand systems. It is ideal for wood patterns and core boxes and it also used as a primer for 90-1 coatings.

Catalog Number	Description	Color	Availability	Net Wt. (Lbs.)
024005	No. 60 Primer Coating	Gray	Gallon	12

Freeman Lacquer Thinners

90-1 Fre-Thin Lacquer Thinner is our premium product for the reducing of the 90-1 Pattern Coatings, Wood & Plaster Sealer, and No. 60 Coating. The 45 Lacquer Thinner is an economical alternative for less demanding performance.

Catalog Number	Description	Availability	Net Wt. (Lbs.)
024155	90-1 Fre-Thin Thinner	Gallon	8
024210	90-1 Fre-Thin Thinner	5 Gallon	40
024215	90-1 Fre-Thin Thinner	55 Gallon	440
024405	45 Lacquer Thinner	5 Gallon	42
024410	45 Lacquer Thinner	55 Gallon	450

Freeman Water-Base Pattern Coating

Freeman Water-Base Pattern Coating is an environmentally friendly alternative to traditional lacquer coatings. This product offers similar wear properties, but is somewhat slower drying. This product can be shipped via parcel services without incurring hazardous fees.

Catalog Number	Description	Color	Availability	Net Wt. (Lbs.)
024220	Water-Base Pattern Coating	Red	Gallon	10
024230	Water-Base Pattern Coating	Yellow	Gallon	10
024235	Water-Base Pattern Coating	Gray	Gallon	10
024250	Water-Base Pattern Coating	Black	Gallon	10

Bacolac Professional Sandable Sealer

This clear lacquer sanding sealer is specifically formulated as a high build, easily sandable coating for sealing and smoothing wood, MDF, plaster, and other porous surfaces. Ideal for sealing wood models to prepare the surface for plastic duplication.

Catalog Number	Description	Availability	Mfg. No
054531	Bacolac Sandable Sealer	Gallon	253
054532	Bacolac Reducer	Gallon	CN-3679

Freeman Wood & Plaster Sealer

This clear lacquer sanding sealer may be applied by brush or low pressure spray. Specially formulated to seal wood, plaster, MDF and other porous materials, it is ideal for sealing wood master models to prepare the surface for plastic duplication.

Catalog Number	Description	Availability	Net Wt. (Lbs.)
054553	Freeman Wood & Plaster Sealer	Pint	0.8
054550	Freeman Wood & Plaster Sealer	Gallon	10
054551	Freeman Wood & Plaster Sealer	5 Gallon	50
054554	Freeman Wood & Plaster Sealer	12 fl. oz.	1

RenShape® 5008 Hi-Performance Sealer

Low viscosity sealer specifically designed to create a clear, tough, chemical resistant, and high temperature resistant surface to RenShape 5008. Dries for use in two hours.

Catalog Number	Description	Availability	Net Wt. (Lbs.)
056526	RenShape 5008 Hi-Performance Sealer	Gallon	7

Chemlease 15 Sealer

This one component, high performance sealer chemically treats the machined surface of RenShape® 2000 and RenCast® 2000 injection mold tools. This chemical treatment provides a base coat for subsequent release systems and a protective layer against chemical attack of the mold surface. It has a temperature stability to 850°F.

Catalog Number	Description	Availability	Net Wt. (Lbs.)
056525	Chemlease 15 Sealer	Quart	1.84

Ren® RP-870 Chromate Primer

A liquid, two-component primer designed for improving the adhesion of Ren polyurethane elastomers to a variety of metal surfaces, including iron, steel, aluminum, galvanized iron and stainless steel.

Catalog Number	Description	Availability	Net Wt. (Lbs.)
056218	Ren RP 870 Chromate Primer	Quart	2

Duratec® Polyester Surfacing Compounds

Duratec Polyester Sealer 823 Clear: A low viscosity, rapid curing, penetrating, two component sealer that anchors Duratec surfacing primer and vinyl ester primer to porous materials such as MDF, wood, plaster, and concrete.

Duratec Surfacing Primer 707-002: Available in gray, this 2 component polyester mold surfacing resin provides a quick method of applying a hard, high gloss, durable surface to wood, MDF, urethane foam, and plaster.

Duratec Vinyl Ester Primer 1799-005: This gray, 2 component polyester surfacing compound is similar to the regular Duratec Surfacing Primer but offers a higher heat distortion temperature of 300°F.

Catalog Number	Description	Availability	Net Wt. (Lbs.)
024452	Duratec Clear Polyester Sealer Resin Only	Gallon	9.5
024455	Duratec Surfacing Primer Resin Only	Gallon	10.9
024460	Duratec Vinyl Ester Primer Resin Only	Gallon	11.18
024465*	Duratec Hardener Only	1.48 fl. oz.	0.1
024468	Duratec Hardener Only	Gallon	8

*2 bottles required per gal of Duratec resin

Pattern Coatings – Primers, Paints and Sealers [CONTD.]

Krylon® Tough Coat™ Sandable Gray Primer

This lacquer-based primer fills in porosity and other imperfections on molds. It is fast drying and easily sandable and can be top-coated with another high gloss lacquer or left as is.

Catalog Number	Description	Availability	Mfg. No.
038064	Light Gray Sandable Primer	12 fl. oz	S00341

Krylon® Fusion Paint

Krylon Fusion Paint is the first no-prep, superbond paint for most thermoplastics, PVC, hard vinyl, as well as hard urethanes used for prototyping. No sanding or priming is required. Krylon Fusion Paint dries in 15 minutes and is able to be used for interior and exterior applications. All colors are available in 12 fl. oz. (net weight) cans.

Catalog Number	Description	Color	Availability	Mfg. No.
038085	Krylon Fusion	White	12 fl. oz.	K02320
038086	Krylon Fusion	Sunbeam	12 fl. oz.	K02330
038087	Krylon Fusion	Red Pepper	12 fl. oz.	K02328
038088	Krylon Fusion	Black	12 fl. oz.	K02321
038089	Krylon Fusion	Dover White	12 fl. oz.	K02322
038090	Krylon Fusion	Honey Dew	12 fl. oz.	K02335
038091	Krylon Fusion	River Rock	12 fl. oz.	K02323
038092	Krylon Fusion	Nickel Shimmer	12 fl. oz.	K02338
038093	Krylon Fusion	Blonde Shimmer	12 fl. oz.	K02331
038094	Krylon Fusion	Butter Cream	12 fl. oz.	K02334
038095	Krylon Fusion	Spring Grass	12 fl. oz.	K02327
038096	Krylon Fusion	Hunter Green	12 fl. oz.	K02324
038097	Krylon Fusion	Fairytail Pink	12 fl. oz.	K02331
038098	Krylon Fusion	Pumpkin	12 fl. oz.	K02337
038099	Krylon Fusion	Sun Dried Tomato	12 fl. oz.	K02332
038100	Krylon Fusion	Burgandy	12 fl. oz.	K02325
038101	Krylon Fusion	Espresso	12 fl. oz.	K02340
038102	Krylon Fusion	Blue Hyacinth	12 fl. oz.	K02333
038103	Krylon Fusion	Patriotic Blue	12 fl. oz.	K02329
038104	Krylon Fusion	Navy	12 fl. oz.	K02326
038105	Krylon Fusion	Satin White	12 fl. oz.	K02420
038106	Krylon Fusion	Satin Dover White	12 fl. oz.	K02422
038107	Krylon Fusion	Satin Almond	12 fl. oz.	K02437
038108	Krylon Fusion	Satin River Black	12 fl. oz.	K02423
038109	Krylon Fusion	Satin Khaki	12 fl. oz.	K02438
038110	Krylon Fusion	Satin Espresso	12 fl. oz.	K02436
038111	Krylon Fusion	Satin Pewter Gray	12 fl. oz.	K02439
038112	Krylon Fusion	Satin Twilight	12 fl. oz.	K02440
038113	Krylon Fusion	Satin Hunter Green	12 fl. oz.	K02424
038114	Krylon Fusion	Satin Burgandy	12 fl. oz.	K02425
038115	Krylon Fusion	Satin Navy	12 fl. oz.	K02426
038116	Krylon Fusion	Satin Black	12 fl. oz.	K02421

Krylon® SparVar® Lacquer Paint

Krylon SparVar Lacquer Paint is a durable acrylic that dries in 15 minutes and can be recoated anytime.

Catalog Number	Description	Availability	Mfg. No.
038060	Krylon SparVar Ultra-Flat Black Lacquer	11 fl. oz.	KS111
038062	Krylon SparVar Clear Lacquer	11 fl. oz.	KS500

Flake Shellac

The best grade of light orange flake shellac. A bright, hard and glossy surface can be secured when mixed with our Alcohol Solvent. Typical mix ratio is four pounds of Flake Shellac to 1 gallon of Alcohol Solvent.

Catalog Number	Description	Availability
027110	Flake Shellac	by the pound

Prepared Shellac

Zinsser shellac based sealers for painting wood, plaster, and other porous surfaces. Excellent "stain blocker". Will remain bright and dry hard.

Catalog Number	Description	Availability	Net Wt. (Lbs.)
027115	Prepared Shellac – Amber	Gallon	11 lb
027125	Prepared Shellac – Clear	Spray Can	12 fl. oz.

Mar-Hyde® Surface Primer

A high quality fast-drying, lacquer-based, sandable primer designed for sealing and protecting wood patterns and coreboxes. May be used as a primer for 90-1 coatings or used by itself for easier release of no-bake sand binder systems. May be sprayed or brushed on. Use Freeman Fre-Thin for thinning purposes.

Catalog Number	Description	Availability	Net Wt. (Lbs.)
024006	Mar-Hyde Primer Gray	Gallon	11.75
024008	Mar-Hyde Primer Red Oxide	Gallon	11.75

Blehm Styro Sealer

Wax based, creamy, putty consistency compound for filling imperfections in styrofoam patterns. Specifically designed not to attack polystyrene patterns. Will burn out in lost foam process with no residue.

Catalog Number	Description	Color	Availability	Mfg. No.
054545	Styro Sealer	Cream	Gallon	BP 8004
054546	Styro Sealer	Cream	5 Gallon	BP 8004
054549	Styro Sealer	Green	Gallon	BP 8005

Alcohol Solvent

Pure methyl alcohol for use in our alcohol lamps. It is also the best solvent available for cutting flake shellac and various cleaning requirements.

Catalog Number	Description	Availability	Net Wt. (Lbs.)
027130	Alcohol Solvent	Gallon	10
027135	Alcohol Solvent	5 Gallon	50
027145	Alcohol Solvent	55 Gallon	550

Mineral Spirits

Excellent solvent for thinning oil based paints and varnishes or for general cleaning purposes. Removes oil and wax residue, grease, and dirt.

Catalog Number	Description	Availability	Net Wt. (Lbs.)
027129	Mineral Spirits	5 Gallon	32

Aluminum Paint Pot – 2 Quart

This heavy-duty aluminum pot is ideal for applying any pattern coating or sealer by brush. For convenience there is a bar just below the rim of the pot to hang the brush while keeping the bristles in the paint. The domed cover seals the container, enclosing both paint and brush, preventing evaporation and thickening of the contents.

Catalog Number	Description
046668	Aluminum Paint Pot (2 Quart)

Mold Releases

Wax-based Mold Releases

Freeman Wax Release

This product is formulated and manufactured by Freeman specifically for the effective release of urethanes, epoxies, or polyester resins. Because mold preparation is important, use Freeman Wood & Plaster Sealer on wood or plaster molds first.



Catalog Number	Description	Availability
055051	Freeman Wax Release	Quart
055052	Freeman Wax Release	Gallon
055053	Freeman Wax Release	5 Gallon

Johnson® Paste Wax

A good, general-purpose release agent for epoxies, urethanes, rubber, acrylics or ceramics.

Catalog Number	Description	Availability
027885	Johnson Paste Wax	1 lb. Can

Hyperlast® Synlube™ 531

Hyperlast 531 is a non-silicone, wax based aerosol or liquid release agent specifically designed for the effective release of urethanes, epoxies, and polyester resins. 531 has a low viscosity, good wetting action, and spreads uniformly when applied.

Catalog Number	Description	Availability
057596	Hyperlast 531	Quart
057598	Hyperlast 531 Aerosol Case Qty — 12/Case	10.5 lb.
057599	Hyperlast 531 Aerosol – Single Can	14 fl. oz.

RenLease® 803 Wax Release Agent

A wax based, white, liquid parting agent that may be brushed or sprayed. Contains a small amount of silicone, dries clear, and may be polished for high gloss. An excellent release at temperatures to 250°F and from all types of surfaces. A minimum of three coats is recommended.

Catalog Number	Description	Availability
056216	RenLease 803 Wax Release	Quart
056220	RenLease 803 Wax Release	5 Gallon

RenLease® 805 Paste Wax Release Agent

A green-colored paste wax release agent which can be used on plastic, metal, or properly sealed wood and plaster molds. Contains no silicones.

Catalog Number	Description	Availability
056209	RenLease 805 Paste Wax	Quart

Partall® Paste #2

This hard paste wax is effective as a release agent for urethanes, epoxies, or polyester resin systems. It contains no silicone.

Catalog Number	Description	Net Wt. (Lbs.)
054267	Partall Paste #2	1.5

Partall® Hi-Temp Wax

This hard wax contains a blend of waxes and semi-permanent release agents to create an excellent release for resins that cure or catalyze at higher temperatures (150°F - 350°F). It contains no silicone.

Catalog Number	Description	Net Wt. (Lbs.)
054266	Partall Hi-Temp Wax	.75

Silicone-based Mold Releases

Caution: Silicone based mold releases should not be used when parts have to be painted.

RenLease® 76 Silicone Spray

Premium quality silicone based spray release designed for use with epoxies and polyurethanes. Improved spray pattern and dispersal from can.

Catalog Number	Description	Availability
056195	RenLease 76 Silicone Release Spray	16 fl. oz.

RenLease® 78-2 Silicone Release Agent

Formulated specifically for epoxy and polyurethane resin systems. Forms a slick surface with a heat-resistance of up to 600°F (316°C).

Catalog Number	Description	Availability
056210	RenLease 78-2 Silicone Release Spray	9.25 fl. oz.

Silicone Spray

A high-solids-content liquid in an aerosol can. Silicone spray is used to release epoxies or urethanes from any mold. It has a heat resistance up to 600°F for high heat applications.

Catalog Number	Description	Availability
054420	Silicone Spray	12 fl. oz.

Devcon® Release Agent

A silicone release agent provided in liquid form. Works well on most all epoxy and urethane resins.

Catalog Number	Description	Mfg. No.	Availability
054644	Liquid Release Agent	19600	16 fl. oz.

PVA-based Mold Releases

Partall® PVA Mold Release

This water soluble, film-forming release is used to release epoxies from molds or models. Recommended application procedure is apply wax, then PVA Mold Release then wax again.

Catalog Number	Description	Availability
054251	Partall #10 Mold Release	Pint
054256	Partall #10 Mold Release	Gallon
054261	Partall #10 Mold Release	5 Gallon
054262	Partall #10 Mold Release – Clear	5 Gallon

Mold Releases [CONT'D.]

PVA-based Mold Releases [Contd.]

RenLease® 804 PVA Soluble Parting

A green parting compound for all types of applications. Applied by brush or spray. Do not use on bare plaster!

Catalog Number	Description	Availability
056217	RenLease 804 Soluble Parting	Quart

Other Mold Releases

RenLease® 79-2 Fluorocarbon Release Agent

A semi-permanent, dry film release agent that does not contain wax or silicone. Because RenLease 79-2 does not transfer from the mold to the part, there is no effect on post-decoration on the part. It is especially effective on epoxies, polyurethanes and polyesters.

Catalog Number	Description	Availability
056211	RenLease 79-2 Release Spray	9.5 fl. oz.

Pattern Release 202

Ideal for patterns and coatings used in the preparation of silicone rubber molds. This material is petroleum jelly in an aerosol can and may be used on a wide variety of pattern materials.

Catalog Number	Description	Availability
054426	Pattern Release 202 Spray	16 fl. oz.

Sprayon™ Zinc Sterate Mold Release

Sprayon Zinc Sterate Mold Release is a non-silicone, paintable, fine particle powder produced for use as an effective release for thermosetting and thermoplastic materials.

Catalog Number	Description	Availability
038074	Sprayon Zinc Sterate Mold Release Spray	12 fl. oz.

Sprayon™ Paintable Mold Release

Sprayon Paintable Mold Release exhibits excellent release properties where low silicone concentration is required and it will not interfere with coating or bonding operations subsequent to molding.

Catalog Number	Description	Availability
038078	Sprayon Paintable Mold Release Spray	12 fl. oz.

Sprayon™ Paintable Lecithin Mold Release

Sprayon Paintable Lecithin Mold Release is a clear, soybean fluid release agent that will not interfere with post finishing. Sold in case quantities only.

Catalog Number	Description	Availability
038076	Sprayon Paintable Lecithin Mold Release Spray	12 fl. oz.

Freeman Wood Dowels

Freeman Wood Dowels are made of the highest grade maple and birch and finished round and smooth from straight grained wood. Manufactured to exacting diameters, these high quality dowels have a standard length of 36".

Catalog Number	Description	Diameter	Length
033805P	Wood Dowel	1/8"	3'
033810P	Wood Dowel	3/16"	3'
033815P	Wood Dowel	1/4"	3'
033820P	Wood Dowel	5/16"	3'
033825P	Wood Dowel	3/8"	3'
033830P	Wood Dowel	7/16"	3'
033835P	Wood Dowel	1/2"	3'
033845P	Wood Dowel	5/8"	3'
033850P	Wood Dowel	3/4"	3'
033855P	Wood Dowel	7/8"	3'
033860P	Wood Dowel	1"	3'
033865P	Wood Dowel	1 1/8"	3'
033870P	Wood Dowel	1 1/4"	3'
033875P	Wood Dowel	1 1/2"	3'
033880P	Wood Dowel	1 3/4"	3'
033885P	Wood Dowel	2"	3'

Duplicating Metals

Ostalloy® Low Melting Temp Alloy

These metal alloys are comprised of bismuth, lead, tin, and cadmium, resulting in a no-shrink, very accurate duplicating metal with very low temperature melting points. Approximate weight of each ingot is two to three pounds. This material is sold by the pound.

"158" has a melting point of 158°F. Used primarily for filling pipes or tubes prior to bending to avoid kinks, however, is also preferred by some for fixture work.

"160-190" has a melting point of 160-190°F. and is the most popular of the non-shrink metals for average pattern work.

"255" has a melting point of 255°F. and is preferred by some for their duplicating work.

Catalog Number	Description	Availability
027795	"158" Duplicating Metal	2-3 lb. ingot
027790	"160-190" Duplicating Metal	2-3 lb. ingot
027800	"255" Duplicating Metal	2-3 lb. ingot

Freeman Pattern White Metal

This economical alternative metal alloy is comprised of lead, tin, and antimony, resulting in a higher melting temperature (360° to 460°F) duplicating metal that features consistent shrink and hardness. This material is special order and has a 13 bar minimum (101 pounds).

Catalog Number	Description	Net Wt. (Lbs.)
027785	Freeman Pattern White Metal	7

Acetate Sheet – Economy

A clear economy cellulose acetate sheet which can be used for template and layout work. Packaged flat in 20" x 50" sheets.

Catalog Number	Description	Thickness (Inches)	Width (Inches)	Length (Inches)
027520	Acetate Sheet	.020	20	50
027525	Acetate Sheet	.030	20	50
027530	Acetate Sheet	.040	20	50
027535	Acetate Sheet	.060	20	50

Masking and Double-Face Tape

High-quality masking and double-face tape for various shop uses.

Catalog Number	Description	Width (mm)	Length (Yds.)	Rolls/Box
035205	Double-Face Tape	12	36	72
035210	Double-Face Tape	18	36	48
035215	Double-Face Tape	24	36	36
035220	Double-Face Tape	36	36	24
035225	Double-Face Tape	48	36	24
035240	Masking Tape	24	60	36
035245	Masking Tape	36	60	24
035250	Masking Tape	48	60	24

Kraft Paper

A high-quality, 40 lb Kraft paper which is wax coated on one side. This material is available in rolls 275' long.

Catalog Number	Description	Width	Availability
054076	Kraft Paper – Wax one side	36"	roll
054078	Kraft Paper – Plain	36"	roll
054079	Kraft Paper – Wax one side	48"	roll

Urethane Protectants

Ren® RP-71-1 PUR-Tect II Dry Purging Agent

Used to blanket opened cans of moisture-sensitive polyurethanes and also extends shelf life.

Catalog Number	Description	Availability
056227	Ren RP-71-1 PUR-Tect II	12 fl. oz.

Magic Blanket

This product will protect unused portions of moisture-sensitive urethanes which are to be resealed in their original containers. Just spray a burst of Magic Blanket into the opened container of unused urethane, then immediately reseal container.

Catalog Number	Description	Availability
054705	Magic Blanket	12 fl. oz.

3M™ Particulate Respirators (Mask)

Because of its low profile shape, eye glasses, goggles and face shields can be easily worn without interference. Excellent to wear when operating sanders and other dust creating equipment. Not designed for use against toxic dusts, spray paints, or organic vapor.

Catalog Number	Description	Mfg. No.	Qty./Box
054526	3M Respirator (Box)	8210	20

Hand Cleaners

Ren® RP-70-S Hand Cleaner

An all-purpose hand cleaner containing an antiseptic. Use with or without water to remove grease, plastic, resin, hardener, paint stains, enamel, etc.

Catalog Number	Description	Availability	Net Wt. (Lbs.)
056225	Ren RP 70-S Hand Cleaner	12 fl. oz.	1
056226	Ren RP 70-S Hand Cleaner – w/Pump	Gallon	8

Liquid Epoxy Hand Cleaner

This liquid cleaner contains no caustics or petroleum solvents. It cleans hands of the most resinous substances or greases including epoxy, urethane, polyester, adhesives, paints and inks.

Catalog Number	Description	Availability
054207	Liquid Epoxy Hand Cleaner	16 fl. oz.

Freeman Heavy-Duty Shop Apron

A very heavyweight cotton apron which is tough enough for shop use. Features include two chest pockets, two hip pockets, metal ferrule tie holes and heavy-duty stitching. An exclusive Freeman design with the patternmaker in mind.



Catalog Number	Description
054065	Heavy Duty Shop Apron