

MASTER FAST-CAST POLYURETHANES



Master Fast-Cast Polyurethanes are highly filled, rigid, and fast setting. They offer low exotherm, shrink, and cost for producing foundry patterns, molds, fixtures, prototype vacuum form molds, or prototypes. These urethanes are manufactured exclusively by Freeman.



Specifications

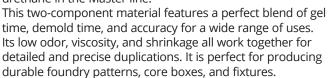
	Mix Ratio	Gel Time (m:	Demold Time	Hardness (Shoress		Mixed Viscosi		Shrink (in .:	Compressive	Stl Sal	Flexural Mod	Tensile Streng	Tensile Modul.	Izod Impact	Deflection Temp. (°F)	C.T.E. (in./in./ºF)	
Master Dyna-Cast	1:1	6-7	60	85	1.9	1,500	14.5	0.0010	7,841	4,705	803,333	2,663	990,833	0.31	148°F/64°C	_	
Dyna-Cast 20	1:1	7-10	60 - 90	85	1.78	1,500	15.6	0.0017	7,400	4,900	580,000	3,100	941,000	0,28	139°F/59°C	-	
Master Cast 783	1:1	7-8	60 - 90	85	1.9	1,650	14.5	0.0010	6,500	3,500	900,000	3,000	902,000	0.30	125°F/51°C	2.5 x 10 ⁻⁵	
ASTM Tests	-	-	-	D-2240	D-792	-	-	D-2566	D-695	D-790	D-790	D-638	D-638	D-256	D-648	D-696-88	

^{*}Dependent upon mass.

Master Dyna-Cast

- ▶ 6-7 min. gel time
- ▶ 60-90 min. demold

Master Dyna-Cast is the most popular fast-cast urethane in the Master line.





Dyna-Cast 20

- ▶ 7-10 min. gel time
- ▶ 60-90 min. demold

This fast-setting, low-shrinkage polyurethane features a cured hardness of 85 Shore D. It is ideal for molds, patterns and core boxes.

Available in blue and gray.

Master Cast 783

- ▶ 7-8 min. gel time
- ▶ 60-90 min. demold

Master Cast 783 is a two-component urethane that is ideal for a variety of applications. This product also features low moisture sensitivity and

fast demold times without sacrificing accuracy.

PROTECT POLYURETHANES WITH FREEMAN 302!

Freeman 302 is an inert gas used to preserve and prolong the usable life of moisture-sensitive polyurethanes. Before resealing your containers, spray a short burst in the open container and seal immediately. Repeat after every use.



For part numbers, technical documents, and ordering, visit our website at www.FreemanSupply.com.



Join Freeman 360° today! Use your Customer Number to create an online account on FreemanSupply.com! Your Freeman Customer Number can be found on any invoice.



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 13 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.

Portland, OR Montreal, QC Toronto, ON Milwaukee, WI Chicago, IL Avon, OH Louisville, KY Greensboro, NC Atlanta, GA Fort Worth, TX

OHIO (HEADQUARTERS)

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

CALIFORNIA

13565 Larwin Circle Santa Fe Springs, CA 90670 TEL 800-325-2100 FAX 440-934-7200

GEORGIA

5060 N. Royal Atlanta Dr. #7 Tucker, GA 30084 TEL 770-493-4131 FAX 440-934-7200

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KENTUCKY

917 Landis Ln. Mt. Washington, KY 40047 TEL 502-955-5535 FAX 440-934-7200

MICHIGAN

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

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101 Bailey St. Mocksville, NC 27028 TEL 800-321-8511 FAX 440-934-7200

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PENNSYLVANIA

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3475 boul Pitfield Montreal, QC H4S 1H3 TEL 800-263-7699 TEL 514-335-3530 FAX 514-335-3225

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

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TERMS & CONDITIONS