



RAM PRODUCTS INC.

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RAM PROCESS DIE SUPPLIES

MOLDUCT TUBING

A special woven cotton tubing used in the RAM dies for air passageways. Air, forced through the tubing, causes the release of the pressed piece from the dies.

1/8" molduct tubing	3000 ft. roll	\$338.60/roll
1/8" molduct tubing	750 ft. roll	\$100.65/roll
1/4" molduct tubing	400 ft. roll	\$ 69.00/roll
Both sizes sold by the foot		\$0.61/ft.

PLASTIC TUBING

Used in the RAM dies to connect molduct to molduct, or molduct to air fittings. It is a transparent, vinyl polymer with high tensile strength.

No. 8 plastic tubing	250 ft. roll	\$36.95/roll
[fits inside 1/8" molduct tubing]		45¢/ft.

WIRE

Aids in forming air passageways. It can be placed inside molduct tubing to make tubing more rigid, or it can be used as a frame to coil the molduct air system.

19 gauge wire	5 lb spool	\$24.55/spool
16 gauge wire	12 lb. coil	\$44.30/spool

MOLDUCT TIES	Used to attach the molduct tubing to wire frame or reinforcing rod 1000 ties per package		\$14.50 per 1000
PIPE CLEANER	Used to plug ends of airways on molduct tubing lines.		
	1/8" or 1/4 "pipe cleaner	50 ft. rolls	\$11.50/roll
SPONGES	Natural sponges used in making RAM dies. Longer lasting and more absorbant than synthetic sponges.		
	7" natural sponge [approx. size]		\$19.35 each
DIE SCRAPERS	Used for scraping plaster backs of RAM dies. Made from special tool steel and precision ground to .003.		
	24" long		\$180.00
	28" long		\$210.00
	36" long		\$250.00
MOLD PARTING COMPOUND	Used to seal plaster surfaces. Aids in the release of plaster models from their molds.	Concentrated Mixed	\$6.15 lb. \$15.75/Gal
SHEET WAX	Used in making master molds. Enhances precision of the cut off and simplifies die makers work.		
	0.050" x 12" x 24" [8 sheets/box]	\$9.05/sheet	\$67.92/box
	0.094" x 12" x 24" [6 sheets/box]	\$10.93/sheet	\$61.55/box
RUBBER MOLD COMPOUND	Used for making rubber impressions. Especially useful for intricate models with minute details. Also used with deep patterns and models. One unit consists of two part compound. [Two parts A to one part B]		
	Unit #1 4 qts. A & 2 qts. B [8 lbs. & 4 lbs.]		\$130.25/unit
	Unit #2 2 gal. A & 1 gal. B [16 lbs. & 8 lbs.]		\$163.14/unit
	Unit #3 10 gal. A & 5 gal. B [80 lbs & 40 lbs.]		\$640.75/unit

COPPER PINS	Used to register the top die cavity to the bottom cavity. Made from machined and heat treated beryllium copper rod.		
	1/4" x 1"	3/16" x 1"	\$2.30 each
	1/4" x 2-1/4"	3/16" x 2-1/4"	\$3.00 each
	Spacer Block 3/16" or 1/4"		\$7.65 each
	Spacer Block & Pin Set 3/16" or 1/4"		\$10.60 each
REINFORCING ROD	Used to add strength to large size RAM dies 3/8" diameter steel reinforcing bars [20 ft. lengths, weighing 8 lbs.]		\$6.30/length
DIE PIN LUBRICANT	Used in die lube gun to lubricate the rods of the press.		\$28.50/qt. \$56.75/gal.
HYDRAULIC OIL			\$8.75/gal
PLASTILINA	#1 Plastilina - 2# Brick		\$17.50 each
CLAY CUTTER	Preformed Clay Cutter Wires	1-99 Pcs 100-499 Pcs	\$2.05 each \$1.55 each
	Wire Kit - 10 sets Eye bolts,wires,springs		\$51.25
PLASTERS	The following are recommended for use with the RAM dies. All plasters sold in 100 lb. bags. Overseas add \$5.00/bag crating charge		
	Ceramical [working dies]	Split bags-UPS 1-19 bags 20-39 bags 40 & over	\$18.00 each \$41.80 each \$40.55 each \$39.30 each
	Ultracal-30 [tooling]	1-19 bags 20-39 bags 40 & over	\$38.70 each \$37.55 each \$36.40 each
	No. 1 Pottery [models & tooling]	1-19 bags 20-39 bags 40 & over	\$22.45 each \$21.75 each \$21.15 each

FINISHING MACHINE SPONGES	Finishing machine replacement sponges 7" OD x 2" ID sold in packages of 10	\$126.50/pkg.
BOLSTER PLATES	Replacement bolster plates for RAM Presses 24" x 26" cast iron 30" x 39" cast iron	\$POR \$POR
PRESS PARTS	Most replacement RAM Press parts are available through RAM. Please have the press size, serial number and if possible the part number.	
RAM PRESS OPERATING MANUAL	Detailed operating procedures and drawings for a specific model RAM Press. [Please have serial number of press]	\$85.00
RAM PRESS OPERATION CLASS	One day hands on seminar in the operation of a RAM press utilizing the complete process.	\$850.00
RAM DIE TRAINING	Four day hands on seminar. Learn how to make the RAM Process™ dies at the RAM Products facility in Columbus, Ohio. You will make a die of your choosing. Includes the die training manual and basic supplies. [Please have serial number of press] Non Owner \$4,250.00 (\$1,200.00 credit for buying within 30 days, may not always be available)	\$3200.00 \$850.00/Day
CONSULTING SERVICES	Consulting on the RAM Process™ , engineering services on RAM equipment and consulting on the RAM dies.	\$1250.00/day plus expenses
SERVICE CALLS	We will come to your facility and service your RAM press. Three hour minimum.	\$145.00/hour plus expenses