

PLACARDS & SHIPPING LABELS

1.4G or 1.3G Placards 10 3/4" x 10 3/4" plastic coated. *Each*\$ 4.00
 1.4G or 1.3G Labels 4" x 4". *Each*.....\$ 0.40

PLASTIC AERIAL SHELL & CANDLE BOMBETTE PARTS

High quality polystyrene plastic made in the USA! Assemble with inserts & break charge, glue in time fuse, glue together, add crossmatch, leader & lift.
#243..30mm Bombette tube & lid w/1/4" hole Plastic Casing *per 50*.\$ 21.00
#27..7/8" Sphere w/hole for **VISCO FUSE Hole Size** *per 100*...\$ 22.00**
#228 & #229..1 5/8" Sphere w/1/4" hole Plastic Casing *per 100* ...\$ 40.00
#241 & #254 . 1 3/4" Cyl. w/1/4" hole Plastic Casing *per 30*.....\$ 25.00
#249 & #251 . 1 15/16" Cyl. w/1/4" hole Plastic Casing *per 25*....\$ 15.00
#2 1/8" Sphere hole is for **VISCO FUSE Hole Size** *per 25*\$ 17.00**
#29 & #29000 . 2 1/4" Sphere w/1/4" hole Casing *per 50*.....\$ 27.00
#26 & #247 . 2 1/2" Cyl. w/1/4" hole Plastic Casing *per 30*.....\$ 33.00
#300 & #301 . 3" Sphere w/1/4" hole Plastic Casing *per 50*\$ 24.00
#316 & #315 . 4" Sphere w/1/4" hole Plastic Casing *per 20*\$ 31.00
#326 & #325 . 5" Sphere w/1/4" hole Plastic Casing *per 10*\$ 19.00
#0520 . 6" Sphere w/1/4" hole Plastic Casing *per 10*.....\$ 29.00
#124 . 8" Sphere w/1/4" hole Plastic Casing *per 1*.....\$ 11.00
NOTE: The 1/4" hole will accommodate 1/4" OD American made time fuse.

PAPER TUBES FOR SERPENTS , WHISTLES, GERBS, WHEEL DRIVERS , ROCKETS, TOURBILLIONS & FOUNTAINS

Made in the USA! Custom convolute wound tubes made from special hard paper and adhesives. The best anywhere!
TUB5 0.25" ID (0.4375" OD) x 1.55" **Red** Spolette Tubes *per 100*.....\$14.00
TUB11 5/16" ID (1/2" OD) x 2" long.....*per 100*.....\$16.00
TUB1 0.3700" ID (0.500" OD) x 2.25" Spolette Tubes *per 100*\$13.00
TUB29 3/8" ID (0.60" OD) x 2 1/2" long*per 100*\$20.00
92-65 3/8" ID (9/16" OD) x 3" Serpent or Whistle Tubes *per 100*\$22.00
TUB3 0.4062" ID (0.687" OD) x 2.75" Spolette Tubes *per 100*\$20.00
92-09A 1/2" ID (1 1/8" OD) x 1" Hummer Tubes *per 100*.....\$12.00
92-66 1/2" ID (3/4" OD) x 3" Tourbillion or Whistle Tubes *per 100*...\$21.00
92-5245 1/2" ID (.690" OD) x 4 1/2" SerpentorWheelTubes *per 100* ... \$33.00
TUB10 3/4" ID (1" OD) x 7" Gerb or Rocket Tubes *per 50*.....\$23.00
TUB12 3/4" ID (1 1/16" OD) x 9" Gerb or Rocket Tubes *per 50* \$29.00
93-7519 3/4" ID (1 1/4" OD) x 9" Gerb or Rocket Tubes *per 50*\$44.00
TUB15 1" ID x 1 1/2" OD x 5 1/2" Long Gerb Or Rocker 25\$18.00
TUB9 1" ID x 1 1/2" OD x 6" Long Gerb/Rocket tube *per 25*.....\$18.00
93-11510 1" ID (1 1/2" OD) x 10" Gerb or Rocket Tubes *per 20* \$28.00
93-125212 1 1/4" ID (1.7" OD) x 12" RocketorFountainTubes *per 12* \$21.00

LANCE TUBES & COLORED WRAPPED

5 Colors, **Red, White, Blue, Yellow, & Green:** 1 end spun closed
 Bags of 100 pc. **Some tubes have wax.** **TUB LAN = color**
 4.3125" LG x .345" ID x .350" OD 1/2lb - bag of 100 tubes\$ 21.00

**We have the BEST prices
 on fiberglass mortars in the industry!**

*** NEW * FIBERGLASS MORTARS**

Custom made to our specifications with thick reinforced bottom plugs and muzzle openings. Mortar ID is *marked* on each mortar. Listed by mortar ID and over-all length. All prices are *per* mortar.
 2" x 14.25 Fiberglass mortar 0.7 lb **FB2**\$ 3.30
 2 1/2" x 15.82 Fiberglass mortar 1.4 lb **FB2.5**\$ 4.68
 3" x 17.78 Fiberglass mortar 1.8 lb **FB3**\$ 8.28
 4" x 21.75 Fiberglass mortar 3.4 lb **FB4**\$ 14.58
 5" x 31.62 Fiberglass mortar 6.2 lb **FB5**\$ 22.32
 6" x 35.58 Fiberglass mortar 9.2 lb **FB6**\$ 29.19
 8" x 43.48 Fiberglass mortar 17.9 lb **FB8**\$ 58.35
 10" x 47.44 Fiberglass mortar 35 lb **FB10**.....\$ 67.20
 12" x 51.39 Fiberglass mortar 45lb **FB12**.....\$ 83.40
 16" x 63.25 Fiberglass mortar **FB16**\$374.00

We do stock **HDPE Mortars** also, please call for pricing.

TUBES, CASINGS & DISCS

DISCS FOR AERIAL SHELLS

Made in the USA! Paperboard discs for shells are 1/8" (120 Point) thick.
Discs are grouped and priced per size disc within each group!

D01	2 1/2" Plain	10.....	\$ 1.50
D02	2 1/2" w/1/4" hole	100.....	\$ 12.00
D03	2 1/2" w/3/8" hole	500.....	\$ 50.00
D04	2 1/2" w/11/16" hole	1,000.....	\$ 90.00
D05	2 5/8" Plain or w/1/4" hole		
D07	3 1/2" Plain	10.....	\$ 2.00
D08	3 1/2" w/1/4" hole	100.....	\$ 16.00
D09	3 1/2" w/3/8" hole	500.....	\$ 75.00
D10	3 1/2" w/11/16" hole	1,000.....	\$135.00
D11	3 5/8" Plain		
D12	3 5/8" w/1/4" hole		
D13	4 1/2" Plain	10.....	\$ 3.00
D14	4 1/2" w/1/4" hole	100.....	\$ 28.00
D15	4 1/2" w/3/8" hole	500.....	\$130.00
D16	4 1/2" w/1/2" hole		
D17	4 1/2" w/11/16" hole		
D18	5 1/2" Plain	10.....	\$ 4.00
D19	5 1/2" w/3/8" hole	100.....	\$ 36.00
D20	5 1/2" w/11/16" hole	500.....	\$160.00
D21	6 1/4" Plain	10.....	\$ 6.00
D22	6 1/4" w/5/8" hole	100.....	\$ 50.00
D23	7 1/4" Plain	10.....	\$ 7.00
D24	7 1/4" w/5/8" hole	100.....	\$ 60.00
D25	9" Plain	10.....	\$ 8.00
D26	9" w/5/8" hole	100.....	\$ 70.00

Many other sizes also available, some with center holes. They range in thicknesses from 30, 60 to 120 point or thousandths of an inch. Please call for a quote on these sizes and your quantities!

PAPER SPHERICAL AERIAL SHELL CASINGS

These are real **Japanese and Chinese** paper round shell casings, with matching edges! Sets are two halves or Nesting Sets (inners and outers) are four halves. Size by mortar ID. *Priced per set.*

J16" Japanese Paper casing *Set* \$ 129.00
 J24" Japanese Paper casing *Set* \$ 250.00

CHINESE PAPER CASINGS

LD9012E	- 1.5" Chinese Paper casing <i>Set</i>	.....	\$ 0.25
LD9021E	- 2" Chinese Paper casing <i>Set</i>	.....	\$ 0.30
LD9023E	- 2.5" Chinese Paper casing <i>Set</i>	.....	\$ 0.40
LD9031	- 3" Chinese Paper casing <i>Set</i>	.....	\$ 0.60
LD9041	- 4" Chinese Paper casing <i>Set</i>	.....	\$ 1.00
LD9051	- 5" Chinese Paper casing <i>Set</i>	.....	\$ 1.50
LD9061	- 6" Chinese Paper casing <i>Set</i>	.....	\$ 2.50
LD9081	- 8" Chinese Paper casing <i>Set</i>	.....	\$ 6.00
LD9101	- 10" Chinese Paper casing <i>Set</i>	.....	\$ 10.00
LD9121	- 12" Chinese Paper casing <i>Set</i>	.....	\$ 18.00
LD9161	- 16" Chinese Paper casing <i>Set</i>	.....	\$ 32.00

AERIAL SHELL CANISTER & CAPS SETS

Spiral wound Kraft paper Canister & Caps for Star & Component Shells.
 2 Caps are included with each canister. Disks are listed above.

3" - 2 5/8" OD x 2 1/2" LG 25pc w/ 50 caps	.....	\$ 20.50
3" - 2 5/8" OD x 3" LG 25 pc w/50 caps	.....	\$ 22.00
4" - 3 5/8" OD x 2 1/2" LG 25 pc w/50 caps	.....	\$ 29.50
4" - 3 5/8" OD x 3" LG 25 pc w/50 caps	.....	\$ 32.75
5" - 4 1/2" OD x 3" LG 25 pc w/50 caps	.....	\$ 40.50
5" - 4 1/2" OD x 3 1/2" LG 25 pc w/50 caps	.....	\$ 46.75
6" - 5 1/2" OD x 4" LG 25 pc w/50 caps	.....	\$ 57.50
C3S 3" - 2 1/2" ODx 2 1/2" LG 5/16" wall Can only ea.	.....	\$ 0.85
C3SD 3" - 2 5/8" ODx 2 1/2" LG 5/16" wall Can w/1 disk glued on	\$	0.95
C4S 4" - 3 9/16" OD x 3" LG 1/2" wall Can only ea.	.....	\$ 1.65
C4SD 4" - 3 9/16" OD x 3" LG 1/2" wall w/ 1 disk glued on ea.	\$	1.75
C5S 5" - 4 1/2" OD x 3 1/2" LG 1/2" wall Can only each	.....	\$ 2.20
C5SS 5" - 4 1/2" OD x 4" LG 11/16" wall Can only each	.....	\$ 2.25

NEW * PYROCLOCK

Made by RAYTECH Animation, Inc.

They just snap together for quick precise timed flight of shells or any type of Pyrotechnic and or Fireworks device that needs to be timed accurately.

Used to make all types of timing chains, just use your imagination!

PyroClock stopper each	\$ 0.20**
1 second delay time each.....	\$ 0.69**
1.5 second delay time each.....	\$ 0.72**
2 second delay time each.....	\$ 0.75**
2.5 second delay time each.....	\$ 0.78**
3 second delay time each.....	\$ 0.81**
4 second delay time each.....	\$ 0.84**
5 second delay time each	\$ 0.87**

If you are serious about Fireworks & Pyrotechnic manufacturing you just need to have some of these machines to stay competitive with your competitors!

“These machines will produce HIGH quality products with high production results and standards!”

MACHINES OF ALL KINDS!

These machines are made for **Heavy** and **Full** time production usage! They are made from the very best materials available with safety in mind. These are industrial type equipment made to safety codes; no amateur quickly made none compliant code junk here. All have been used in a large USA manufacturing company and have proven safe and reliable for decades.

QUICK MATCH MACHINE

Complete Quick Match or Black Match production system capable of over 68,000 feet of bare quick match in an 8 hour day with cleanup time. Only needs 2 people to run. The system has a small foot print of space for setup. Runs on 115 Volts AC 60 cycles, explosion Proof electronics and controls, needs a small amount of low pressure compressed air. Many options are available so please call us with your needs.
Only \$41,250.00 for basic system

QUICK MATCH TUBING & BUNDLING MACHINE

Complete Quick Match Tubing & Bundling system capable of over 33,000 feet of Piped/tubed Quick Match in an 8 hour day. This system also has a small foot print of area used for setup. Runs on 115 Volts AC 60 cycles, with explosion Proof electronics, and controls, Only \$29,890.00 for basic system

TAPE FUSE MAKING MACHINES

Complete Tape Fuse Making system capable of over 12,000 feet or 200 - 60 foot long rolls of finished Tape/Sticky Fuse/Match in an 8 hour day. Needs only 1 person to run, with Easy setup, Easy operation, Easy cleanup, very small foot print of production area needed. Runs on 115 Volts AC 60 cycles, with explosion Proof electronics and controls.
Only \$11,550.00

TIME FUSE CUTTING MACHINE

Complete ¼” Time Cutting system capable of over 18,000 pieces cut, but amount will vary per length of piece cut, in an 8 hour day. Needs only 1 person to run. Easy setup, Easy operation, Easy cleanup, very small foot print of production area needed, less than 3 square feet. Runs on compressed air only. System has 2 hands safety switches per OSHA requirements.
Only \$7,150.00

SPIKING OR STRINGING 3-RD HAND MACHINE

Complete easy to use, just clamp to your work table and start stringing your shell, fuse, & etc. All aluminum construction. Can be used with Cotton, Jute, or Flax twine.
Only \$95.00

PRESSES OF ALL KINDS

Complete systems, with Dwell Timers for Up and Down Stroke and Holding Pressure. Can be tooled to your applications. From 1 ton and up. Can be automated with die set insertion and extraction systems. Many options are available.
Please call for a quote for your particular application.

SHELL PASTING MACHINE

These use Kraft Paper Tape for Round shell pasting. 3 sizes are available. Type I for shells 1 ½” diameter up to 4”, and Type II for 5” up to 6”, Type III 8” diameter up to 12”, 16” size diameter by special order. Computer controlled with latest operating systems XP, VISTA, & W7 compliant. All metal construction of non-sparking materials. Pendants/Remote controls are available.
Type I - 1 ½” -- 5” sizeCall for a quote
Type II - 5” ---- 6” size.....Call for a quote
Type III - 8” --- 12” size.....Call for a quote

SHELL TAPING MACHINE

These use Masking Tape for both **Round** and **Canister** configuration containers. Will work on shells from 3” diameter up to 12”. Works on both plastic and paper materials. Can place 2 layers or wraps on in 22 seconds on all sizes. Runs on 115 Volts AC 60 cycles, with explosion Proof electronics and controls,
Only \$8,250.00

Table Top model with no guards only \$2000.00!!

- **We do have other machines that we make and use. If you have a special application please call as we may have a Machine Solution to your production needs, or up coming project! ---**