

LANCE (1.4G) MADE WITH A NEW PRIMING SYSTEM

Bright and true colors that last approximately 60 seconds! Ready to be installed and matched, using our Lancetube Holders™ and Lance Fuse™, on setpiece frames, wheels, or other ground display work. **Made in the USA!**
 1 gross (144) per box with 12 boxes per case.

RED, WHITE, BLUE, GREEN, PURPLE, ORANGE, OR YELLOW LANCE
 per box \$ 34.00 Case per box \$ 31.00

2 COLOR CHANGING - YELLOW TO RED OR RED TO GREEN LANCE
 per box \$ 41.00 Case per box \$ 38.00

3 COLOR CHANGING - RED TO WHITE TO BLUE LANCE
 per box \$ 46.00 Case per box \$ 43.00

RED, GREEN OR SILVER STROBE LANCE
 per box \$ 46.00 Case per box \$ 43.00

NOTE: A few colors, such as blue, do NOT burn to the bottom of the lance tube. Lances burns approximately 1 minute. A filler is used to equalize the burn rates.

**Set pieces are real sponsor and crowd pleasers!
 Assemble yourself or buy ready to go!**

***NEW* LANCETUBE HOLDER™ MADE OF HDPE - PLASTIC**

No more rattan, double pointed nails and glue! Lancetube Holders™ are reusable black plastic strips about 16" long with 10 mounting holes about every 1½". Just attach to a frame in any shape or in grids. Buy in 100's for quantity discounts!

1 to 10 pieces, each \$ 1.00
 100 pieces, each (1 case of 100 \$75.00)..... \$ 0.83
 500 pieces, each (1 case of 500 \$325.00) \$ 0.72
 1000 or more pieces, each..... \$ 0.55
 10,000 or more pieces, each..... \$ 0.50

***NEW* FUSE CLIP™**

Our special metal clip (patent pending) to secure Bundle Match, Water-repellent Bundle Match™, and Lance Fuse™ to lance. Fuse Clip eliminates the taping of fuse to lance tubes. *No more sticky messes!* This system is cheaper, easier, and more reliable in all weather conditions and applications. Sold in lots of 100.

1-500 pieces, each..... \$ 0.060
 500-1000 pieces, each..... \$ 0.050
 1000 or more pieces, each..... \$ 0.045

LANCE SET PIECES (1.4G)

Made in the USA! Simply unfold, setup and ignite!

1' x 2' Letter Set Piece (Choice of letters and colors) *Each*... \$ 37.50
 1' x 3' Letter Set Piece (Choice of letters and colors) *Each*... \$ 40.00
 4' x 6' American Flag Set Piece (R, W, B w/Y Pole) *Each*... \$200.00
 5' x 8' American Flag Set Piece (R, W, B w/Y Pole) *Each*... \$263.00

**We make the most consistent and reliable
 match and fuse anywhere!**

MATCH, FUSE, PIPE & ELECTRIC MATCH

ELECTRIC MATCH (1.4S) WIRE, & WRAPS

Electric Match with Cover, and Wire used with electrical ignition systems.
 Electric Match China (0.3 Meter wire leads) 20/100 *per match* \$ 0.75
 Electric Match China (1.5 Meter wire leads) 20/50 *per match* .. \$ 0.95
 Electric Match China (2 Meter wire leads) 20/50 *per match* \$ 0.99
 Electric Match China (3 Meter wire leads) 25/40 *per match* \$ 1.05
 Electric Match China (5 Meter wire leads) 20/25 *per match* \$ 1.60
 Electric Match China (7 Meter wire leads) 20/50 *per match* \$ 1.90
 Electric Match Oxral (3 Meter wire leads) 1/750 *per match* \$ 1.25
 Wire (500 ft Roll, 24 gauge) *per roll* \$ 32.95
 Velcro Wire Wraps, Red & Purple Colors 12" long *per wrap*.... \$ 1.65

FUSEES RED USE TO LIGHT YOUR SHOW!

20-Minute Red \$ 3.30

***NEW* LANCEFUSE™ (1.4G)**

WORKS in all climates. Use for quick assembly of lance work (set pieces or lattice work). **Ignites lance BETTER than anything else!**

	<u>PER ROLL</u>	<u>PER CASE</u>
1 case = 20 - 60 ft rolls.....	\$6.05/Roll.....	\$121.00
10 to 19 cases (200-380 rolls)	\$5.50/Roll.....	\$110.00
20 to 39 cases (400-780 rolls)	\$5.00/Roll.....	\$ 100.00
40 or more cases (800 or more rolls).....	\$4.70/Roll.....	\$ 93.50

**Our Lancefuse™ and Lancestickfuse™
 work in all climates and ignites lance the BEST!**

***NEW* "TAPE FUSE" LANCESTICKYFUSE™ (1.4G)**

WORKS in all climates: Use for quick assembly of lance work (set pieces or lattice work) **IT STICKS!! Ignites lance THE BEST!**

	<u>PER ROLL</u>	<u>PER CASE</u>
1 case = 12 - 60 ft rolls.....	\$7.45./Roll.....	\$ 89.10
10 to 19 cases (120-239 rolls)	\$6.88/Roll.....	\$ 82.50
20 to 39 cases (240-479 rolls)	\$6.60/Roll.....	\$ 79.20
40 or more cases (480 or more rolls)	\$6.33/Roll.....	\$ 75.90

QUICK MATCH (1.4G)

Made in the USA! Our Bare Match piped into a *water repellent liner!* 2 ply paper for use for lance work, leaders, chains, etc. **NEW** case pack 30 - 60' bundles to a case. There are **1,800** feet per case.

1 Bundle (60 feet) <i>per bundle</i>	\$14.00
3-10 Cases (9,000 - 18,000 feet) <i>per bundle</i>	\$12.00
11- 20 Cases (19,800 - 36,000 feet) <i>per bundle</i>	\$ 11.00
21-40 Cases (37,800 - 72,000 feet) <i>per bundle</i>	\$ 9.50
41 + Cases (73,800 + feet) <i>per bundle</i>	\$ 8.50

WATER-REPELLENT BUNDLE MATCH™ (1.4G)

2-ply water-repellent bundle match in 60' bundles, 30 bundles per case. In Blue, Red, or Yellow plastic tube.

0-29 bundles, each bundle.....	\$16.00
30+ bundles, each bundle.....	\$15.00

BARE MATCH (QUICK MATCH) (1.3G)

Made in the USA! Our own Bare Match made using commercial black powder with our own process for greater consistency and reliability. *Never any scratch mix added.* Cut in approx. 2 ft. Lengths.

0.1125" OD 8 ply (Med.) <i>per ft</i>	\$ 0.22	(1000 PC. minimum)
0.1555" OD 16 ply (Large) <i>per ft</i> ..	\$ 0.26	(1000 PC. minimum)

SHELL LEADERS, (1.4G)

Made in the USA! Our own 2 ply Quick match, with a 4 ½" long colored leader cap, folded and clipped together. Case pack: 22" -1,000; 28", 32" and 36" - 750; 42" and 48" - 500 *per case. Custom made to any length!*

22" Shell Leader <i>Each</i>	\$ 0.66	Case lot <i>Each</i>	\$ 0.60
28" Shell Leader <i>Each</i>	\$ 0.74	Case lot <i>Each</i>	\$ 0.68
32" Shell Leader <i>Each</i>	\$ 0.84	Case lot <i>Each</i>	\$ 0.77
36" Shell Leader <i>Each</i>	\$ 0.89	Case lot <i>Each</i>	\$ 0.81
42" Shell Leader <i>Each</i>	\$ 0.96	Case lot <i>Each</i>	\$ 0.88
48" Shell Leader <i>Each</i>	\$ 1.04	Case lot <i>Each</i>	\$ 0.95

LEADER PIPES

Made in the USA! We make our own 2-ply heavy kraft paper tube *with water repellent liner.* Stock lengths are 36" in lots of 500 *only!*

Kraft (plain brown) *per inch*

\$ 0.0065	<i>per foot</i>	\$ 0.078
\$ 0.0080	<i>per foot</i>	\$ 0.096

Kraft (Colored Paper) *per inch*.....
Leader pipe can be custom made to any length. Please call!

LEADER CAPS

4 ½" long colored kraft paper tubes, open on one end and stapled on the other end. Sold in lots of 500 *only!*

Leader caps <i>Each</i>	\$ 0.12	Case lot <i>per 1,000</i>	\$ 100.00
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FUSE, SAFETY (1.4S)

Stocked in 25 ft coils, up to 200 ft coils in random lengths available. All fuse can be cut and punched to your custom lengths. \$10.00 per run setup charge plus approximately \$.015 per piece cutting charge. Longest we can cut is 4" long. Burn Time is approximately 1 sec per ¼".
 1/4" OD Time Fuse (AMERICAN) per case- 300 feet, per ft.....\$ 1.10
 1/4" OD Time Fuse (AMERICAN) per 1,500 ft. per ft.....\$ 1.05
 1/4" OD Time Fuse (AMERICAN) per 3,000 ft. per ft.....\$ 0.99
 1/4" OD Time Fuse (AMERICAN) per 6,000 ft. per ft.....\$ 0.88

NOTE: Punch a hole in the middle of the time fuse and cross match, then squeeze tight to merge the powder core and cross match. Cross match all time fuse with "bare black match" for positive ignition.

VISCO, SAFETY (1.4S)

3/32 FU30-2 Fuse, Safety 20 Ft. per Roll\$ 3.30
 3/32" OD Red or Green Visco Time Fuse (USA) per 100 foot...\$ 27.50
 5/32" OD Green Visco Time Fuse (Chinese) 100 meter roll\$ 38.50
 3/32" FAST Visco Fuse 3.7 sec/ft 325 ft roll LD087\$ 55.00

SHELL INSERTS

Made in the USA! Our own factory pressed inserts using our own pyrotechnic compositions. Sold in lots of 100 only! Priced per insert. Available in trays for ease in handling. Add \$ 0.03 per insert. All inserts can also be made in Gold!

HUMMERS (1.4G)

Our extra loud & bright silver hummers with an approximate burn time of 2 to 3 seconds. 1 1/4" OD x 1" long with 5/32" fuse hole drilled in side.
 Hummer < 3,000.....\$ 0.40 3,000 +.....\$ 0.34

SILVER SERPENTS, SMALL (1.4G)

Silver titanium serpents with an approximate burn time of 2 to 4 seconds. 9/16" OD x either 2 1/2" long or 3" long with 1/8" fuse hole.
 Silver Serpents, Small < 3,000.....\$ 0.43 3,000 +.....\$ 0.38

SILVER SERPENTS, LARGE (1.4G)

Silver titanium serpents with an approximate burn time of 3 to 5 seconds. ¾" OD x 3" long with 5/32" fuse hole.
 Silver Serpents, Large < 3,000\$ 0.39 3,000 +\$ 0.28

SILVER TOURBILLIONS, LARGE (1.4G)

Our famous silver titanium tourbillions with an approximate burn time of 3 to 5 seconds. ¾" OD x 3" long with 5/32" fuse hole.
 Silver Tourbillions < 3,000.....\$ 0.43 3,000 +.....\$ 0.38

SILVER WHISTLES, SMALL (1.4G)

Our extra loud and bright silver titanium whistles with an approximate burn time of 2 to 5 seconds. 9/16" OD x either 2 1/2", or 3" long.
 Silver Whistles < 3,000.....\$ 0.39 3,000+.....\$ 0.28

SILVER WHISTLES, LARGE (1.4G)

Our extra loud and bright silver titanium whistles with an approximate burn time of 2 to 5 seconds. 3/4" OD x 3" long.
 Silver Whistles < 3,000.....\$ 0.43 3,000+.....\$ 0.38

LOW SMOKE INDOOR /PROXIMATE

SILVER OR GOLD WHISTLES (1.4G)

The loudest silver or gold whistles with approximately 8' to 10' spray that can be used for indoor or proximate show venues. Different times and spray are available. Call for quotes.
 Size 3/4" OD x 3" or 4 1/2" long. The price is each in lots of 100.
 Silver Whistles < 1,000.....\$ 3.30 1,000+\$ 2.75

We manufacture some of the best Indoor Whistles and Gerbs anywhere!

SILVER OR GOLD GERBS "INDOOR" (1.4G)

The **BEST** made gerb with precise burn times and constant spray height. Different times and heights available. Call for a quote. Size 3/4" OD x 3" long can be made up to 4.5" long. The price is each in lots of 100.
 Gerbs < 1,000.....\$ 2.75 1,000+\$ 2.20

CLOSE PROXIMITY FOUNTAINS (1.3G)

Impressive low smoke fountains for fronts! Made in China
 1.5LDC004 Silver or 1.5LDC058A Silver,
 1½" Single Big Silver Fountain 24/case, ea.....\$ 9.90
 2LDC001 or W4402 2" Silver Low smoke Fountain ea....\$ 15.40
 W4401 2" Gold Ea. \$14.00, or Case of 18.....\$277.20

We now are an authorized dealer for Luna Tech, Inc., manufacturer of Pyro-Pak™

PYRO PAK™ INDOOR FIREWORKS.

Regular Flash Powder, oz.\$ 8.80
 Low Smoke Flash Powder, oz.....\$ 8.80
 Slow Sparkle Flash Powder, oz.....\$ 8.80
 Fast Sparkle Flash Powder, oz.\$ 8.80
 Concussion Flash Powder, oz.....\$ 9.08
 Airburst (Regular Silver) Flash Powder, oz\$ 12.38
 High Altitude Airburst Flash Powder, oz.....\$ 12.38
 Flash Paper, envelope of 4 sheets (9" x 8.5").....\$ 7.15
 ½ Sec. x 12 ft. Silver Gerb, ea\$ 7.98
 8 Sec. x 8 ft. Silver or Gold Gerb, ea\$ 9.35
 10 Sec. x 12 ft. Silver or Gold Gerb, ea\$ 9.35

We have many more Indoor products available! Just call and ask!

SUPPLIES

We stock a wide variety of paper, tubes and supplies for all types, kinds and styles of fireworks. *If you do not see it listed here, please call!*

FLAX TWINE

For tying jobs of all types: Made in Italy.
 3 Ply Brown in color 1/2 lb. Ball\$ 13.20 Roll

JUTE YARN

Approximately 2½# Roll.....\$ 13.20 Roll

EAR PLUGS

2 special made sound absorbing foam ear plugs on a plastic cord. Reusable, washable & one size fits all. Set.....\$ 2.75

KRAFT GUMMED PAPER TAPE

Used for **Wrapping** and **finishing Spherical or Ball Shells**. Used also for finishing Canister shells. Can be used for making Hard high quality tubes. It has many uses in the pyrotechnic manufacture and assembly field.
 35# 1" wide x 500 ft long per roll\$ 4.95
 35# 1 ¼" wide 500 ft per roll\$ 7.15
 35# 1 ½" wide 500 ft per roll\$ 7.98
 35# 1" wide 3000 ft per roll\$ 29.70
 35# 1 ¼" wide 3000 ft per roll\$ 42.90
 35# 1 ½" wide 3000 ft per roll\$ 47.85
 60# 1" wide 3000 ft per roll\$ 30.53
 60# 1 ¼" wide 3000 ft per roll\$ 37.95
 60# 1 ½" wide 3000 ft per roll\$ 43.73

PLACARDS & SHIPPING LABELS

1.4G or 1.3G Placards 10 3/4" x 10 3/4" plastic coated. *Each*\$ 3.85
 1.4G or 1.3G Labels 4" x 4". *Each*.....\$ 0.39

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** *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** *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!
TUB1 0.3700" ID (0.500" OD) x 2.25" Spolette Tubes *per 100*\$13.00
TUB3 0.4062" ID (0.687" OD) x 2.75" Spolette Tubes *per 100*\$20.00
TUB5 0.25" ID (0.4375" OD) x 1.55" **Red** Spolette Tubes *per 100*..\$14.00**
TUB7 5/16" ID (1/2" OD) x 1 1/2" Serpent/Spolette *per 100*\$10.00**
TUB6 5/16" ID (9/16" OD) x 2" **RED** Spolette *per 100*.....\$18.00**
92-65 3/8" ID (9/16" OD) x 3" Serpent or Whistle Tubes *per 100* ... \$22.00
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*. \$18.00
92-5245 1/2" ID (.690" OD) x 4 1/2" SerpentorWheelTubes *per 100* \$29.00
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 W/ WAX COATING & COLORED WRAPPED

5 Colors, **Red, White, Blue, Yellow, & Green:** 1 end spun closed
 Bags of 100 pc. **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**\$ 4.29
 3" x 17.78 Fiberglass mortar 1.8 lb **FB3**\$ 5.94
 4" x 21.75 Fiberglass mortar 3.4 lb **FB4**\$ 9.30
 5" x 31.62 Fiberglass mortar 6.2 lb **FB5**\$ 13.44
 6" x 35.58 Fiberglass mortar 9.2 lb **FB6**\$ 19.44
 8" x 43.48 Fiberglass mortar 17.9 lb **FB8**\$ 40.20
 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
 3" - 2 1/2" OD x 2 1/16" LG 5/16" wall Can with 1 disk glued on \$ 0.85

 3" - 2 5/8" OD x 2 1/2" LG 5/16" wall Can only each\$ 0.77
 4" - 3 9/16" OD x 3" LG 3/8" wall w/ 1 disk glued on ea\$ 1.65
 5" - 4 5/8" OD x 4" LG 11/16" wall Can only each\$ 2.20

NEW * PYROLOCK

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**

END CAPS

Made to fit tight in their corresponding size of tube.

Made of Heavy Kraft paper that holds their shape.

3/8" size Bag of 200	\$ 10.00**
7/16" size Bag of 200	\$ 10.00**
1/2" size Bag of 200	\$ 11.00**
9/16" size bag of 200.....	\$ 12.00**
5/8" size bag of 200.....	\$ 13.00**
3/4" size bag of 200.....	\$ 15.00**
7/8" size bag of 200	\$ 16.00**

CUP SETS

Used to make small round balls,

Made of Heavy Kraft paper that holds their shape.

3/4" diameter with inner and outer, bag of 100 sets.....	\$ 10.00**
1" diameter inner and outer, bag of 100 sets.....	\$ 12.00**

SALUTE CORES

These are spiral wound "HEAVY Wall" tubes.

The 3" have 1 thick disk glued on 1 end.

3" - 2.5" OD x 2 1/16" x 2.5" lg w/1 disk glued on each .	\$.83**
3" - 2.62 OD x 2" ID x 2.5" lg w/1 disk glued on each ...	\$.83**
4" - 3.5" OD x 2 1/4" ID x 3" long each	\$ 1.65**
5" - 4.5" OD x 3 1/4" ID x 4" long each	\$ 2.20**

** New item listed in catalog

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 1/4" 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 then 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 1/2" diameter up to 4", and Type II for 5" up to 6", CHAMP III 8" diameter up to 12", 16" size diameter by special order. Computer controlled with latest operating systems XP or VISTA compliant. All metal construction of non-sparking materials. Pendants/Remote controls are available.

CHAMP I - 1 1/2" -- 5" sizeCall for a quote

CHAMP II - 5" --- 6" size.....Call for a quote

CHAMP 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

-- 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! --