

CENTRAL ROCKET COMPANY Box 89, Waupaca, Wis.

Model Rocket Supplies Catalog Supplement 1961

Notice: All orders must be authorized and signed by a person over 21 years of age who will assume the responsibility of keeping merchandise under his personal control. Our merchandise is sold only to buyers who intend to use merchandise ordered in accordance with all laws which may apply. HOW TO ORDER: Send check, money order or cash well wrapped. Customer pays shipping charges. Send 15% of total order to cover postage. There is a 25¢ service charge in addition to postage on orders totaling less than \$3.00. Excess postage will be refunded.

BODY_TUBE: Durable white fiberboard. 10" long x .730 ID x 8.28" OD.
for Starhawk and other model rockets

Catalog # 25 net, each 25¢

BODY_TUBE: Hard finish brown fiberboard. 20" long x 1.0" ID x 1.1145" OD.

Catalog # 26 net, each 40¢

NOSE_CONE: 3 3/4" Wood. Individually machined to exact dimensions.
Hollow interior. To fit # 25 (.730 ID tube)

Catalog # 29A net, each 30¢

NOSE_CONE: 2 3/4" polyethylene plastic. To fit # 25 (.730 ID tube).
Hollow interior payload space. Has metal fitting for
attaching parachute.

Catalog # 29 net, each 25¢

NOSE_CONE: 4" long, Wood. Carefully machined to smooth accurate sizes,
to fit tube #26 (1.0" ID.)

Catalog #30 net, each 45¢

FIN UNIT: One-piece plastic. Complete ready-to-use stabilizing unit.
Made to fit directly on body tube # 25 (see above).

Catalog # 35 net, each 35¢

FIN MATERIAL: Select balsa wood, 5" x 3" x 3/16"

Catalog # 36 net, each 10¢

RUBBER: Parachute shock cord material. 1/8" x 20" long. Model
airplane contest rubber.

Catalog # 43 net, each 10¢

PARACHUTES: Imported, hand crafted of silk tissue with 8 lines tied
to each parachute. Prefolded and packed guaranteed to
open. Can be re-used repeatedly.

Catalog # 46 18" diameter parachute, net, each 35¢

#47 24" " " " 50¢

#48 36" " " " 1.00

PARACHUTE MATERIAL: Orange polyethylene plastic sheet 22" x 22"

Catalog # 49 net, each 30¢

IGNITION MATERIAL: Commercial safety fuse, 3/32" diam., coated, for
making electrical ignitors (plans sent free upon
your request). Best quality. WILL BURN UNDER WATER.

Catalog # 53 50" makes 25 ignitors net each 30¢

52 20 feet net 70¢

(Above prices supersede all previous prices)

NICHROME WIRE: Use with fuse listed on first page
Catalog # 54 50" net, 25¢

IGNITION CLIPS: Miniature alligator type, for connecting firing control wires to rocket engine ignitor. Cadmium plated.
Catalog # 58 net, each 15¢

MERCURY SWITCH: Precision built units. Metal cased, hydrogen filled under pressure for spark quencher. Used in advanced model rockets to fire second stage, ejecting capsules, parachute, etc.
Catalog # 68 1.01" long x .366" net, each 65¢

MERCURY SWITCH: Bakelite cased with 6" flexible lead wires 1 13/32" x .500
Catalog # 67 net, each \$1.30

Items listed above are supplied for use in
Model Rocketry

The following items are supplied for technical, research, or experimental purposes. If you are under 21 your order must be authorized and signed by parent or guardian.

ROCKET ENGINE TUBES: Used for fabricating solid fuel model rocket engines. Hard, convolute wound fiberboard.
Catalog # 20 5" long x 1/2" I.D. x 3/4" O.D. net, each 10¢
21 7" long x 3/4" I.D. net, each 15¢

TOOL SETS: For loading fuel composition into rocket engine tubes and forming it into a solid grain. Each set includes tapered core former and 3 rammers. Made of hardwood, carefully machined. Directions furnished.
Catalog # 40 For use with 1/2" I.D. tubes net, each \$1.50
#41 For use with 3/4" I.D. tubes net, each 2.25

Note: Prices shown above supersede prices
in other catalogs and literature
See page 3

CHEMICALS

Used in rocket fuels, and related pyrotechnical compositions.

PACKAGING: Glass and metal containers are used for all chemicals other than inert and non-toxic substances.

GRADE: Only freshly manufactured, full strength chemicals are supplied. Purity in most instances exceeds 99%. Furnished in particle sizes required for the purposes indicated.

Chemicals in this group can be shipped parcel post. 1/4 lb. 1 lb.

**ANTIMONY SULFIDE, black, powder	.35	.90
ASPHALTUM, powder	.15	.40
CHARCOAL, wood, dust, 200 mesh	.35	.85
CHARCOAL, wood, powder	.20	.40
CHARCOAL, wood, granular	.15	.35
50¢ CLAY, rocket nozzle material	.20	.50
DEXTRINE, yellow, powder	.20	.50
GALLIC ACID, powder	1 oz. 80¢ 2.75	
GUM YACCA (Red Gum), powder	.20	.55
INDULIN (purified lignin), powder	.30	.90
IRON METAL, powder	.15	.35
LAMPBLACK, powder	---	.65
MANGANESE DIOXIDE, powder	.20	.50
**POTASSIUM NITRATE, N.F. powder	.25	.70
70¢ **POTASSIUM PERMANGANATE, crystal	.30	.85
**SODIUM NITRATE, powder	.15	.40
STEARIC ACID, powder	.40	.95
**STRONTIUM CARBONATE	.40	.95
30¢ SULFUR, "superfine" powder, 325 mesh	.15	.30

There is a one pound limit (U.S. postal regulation) on parcel post shipments of each of the chemicals indicated by this mark. Larger quantities must be sent by Express or freight.

CHEMICALS IN THIS GROUP ARE UNMAILABLE AND MUST BE SHIPPED BY EXPRESS

	1/4 lb.	1 lb.
ALUMINUM METAL, dust	.60	1.60
AMMONIUM PERCHLORATE, C.P.	.90	2.95
BARIUM CARBONATE, powder	.30	.90
BARIUM NITRATE, powder	.25	.65
POTASSIUM PERCHLORATE, C.P.		
200 mesh	.45	.90
SODIUM OXALATE, powder	.80	---
STRONTIUM NITRATE, powder	.35	.75
ZINC METAL, dust, 325 mesh	.20	.65

SPECIAL QUANTITY DISCOUNT: A discount of 20% may be taken on the price of each chemical ordered in a quantity of 5 lbs or more. (Prices shown supersede previous quotations)

Express Rates

The minimum charge for any Express shipment is \$2.57.

Example: If your order weighs 30 lbs and you live 200 miles away the charge would be \$3.46. You can save on shipping costs by including regular mailable items with your Express order. Do not send money for Express charges, as they can be paid on delivery.

Shipping Weight	100 miles	300 miles	500 miles	700 miles
5 pounds	2.57	2.57	2.57	2.89
10 pounds	2.57	2.70	2.85	3.38
30 pounds	3.13	3.77	4.20	5.09
100 pounds	5.34	7.49	8.93	11.23