



www.rocketmotorparts.com

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Check enclosed*

We Also Accept*:



Tripoli # _____ NAR# _____

*Please make checks payable to "RCS Rocket Motor Components, Inc." or make PayPal payments to "orders@rocketmotorparts.com"

CONSUMER ORDER FORM

Prices effective November 25, 2003. Prices and specifications subject to change without notice. Please allow 1 - 2 weeks for delivery.

Name _____ Age _____

Address _____

City _____ State _____ Zip _____

Day phone _____ Date _____

email address _____

NAR certification level _____ Tripoli certification level _____

Prod. No.	Order Quan.	Description	Price	TOTAL
MOLDED GLASS/PHENOLIC NOZZLES				
24mm Nozzles				
01100		.808" O.D. X .086" Throat X .190" Exit	1.25	
01150		.808" O.D. X .104" Throat X .250" Exit	1.25	
01250		.865" O.D. X .086" Throat X .190" Exit	1.25	
01300		.865" O.D. X .104" Throat X .250" Exit	1.25	
01350		.865" O.D. X .141" Throat X .313" Exit	1.25	
29/38mm Nozzles				
01400		1.000" O.D. X .104" Throat X .250" Exit	1.25	
01450		1.000" O.D. X .141" Throat X .313" Exit	1.25	
01500		1.000" O.D. X .180" Throat X .438" Exit	1.25	
01550		1.000" O.D. X .291" Throat X .688" Exit	1.95	
38mm Nozzle				
01600		1.308" O.D. X .137" Throat X .289" Exit	7.95	
54mm Nozzles				
01670		1.985" O.D. X .455" Throat X 1.250" Exit	14.95	
01700		*Medusa 1.990" O.D. X .192" Center Throat X .500" Exit + 6 Outer .125" Plugged Throats X .375" Exits	12.95	
75mm Nozzle				
01750		*Medusa 2.730" O.D. X .344" Center Throat X .750" Exit + 6 Outer .188" Plugged Throats X .562" Exits	24.95	
98mm Nozzles				
01800		3.619" O.D. X .344" Throat X .900" Exit	29.95	
01850		*Medusa 3.619" O.D. X .413" Center Throat X 1.000" Exit + 6 Outer .250" Plugged Throats X .750" Exits	29.95	
PROPELLANT CASTING TUBES Production-specification tubes, not the thin or off-spec. stuff that others sell				
18mm Casting Tubes				
03154		.562" O.D. X .534" I.D. X 24.00" Long	.95	
03155		.610" O.D. X .564" I.D. X 25.75" Long (Plastic)	1.50	
03156		.620" O.D. X .594" I.D. X 24.75" Long	.95	
24mm Casting Tubes				
03158		.772" O.D. X .750" I.D. X 25.50" Long	1.25	
03160		.808" O.D. X .782" I.D. X 28.50" Long	1.50	
29mm Casting Tubes				
03162		.872" O.D. X .840" I.D. X 25.00" Long	1.95	
03164		.933" O.D. X .901" I.D. X 29.00" Long	1.95	
03165		.933" O.D. X .887" I.D. X 25.75" Long (Plastic)	2.50	
03168		1.000" O.D. X .975" I.D. X 25.75" Long	1.95	
38mm Casting Tubes				
03170		1.308" O.D. X 1.274" I.D. X 22.75" Long	2.95	
03172		1.308" O.D. X 1.213" I.D. X 24.50" Long	2.95	

Prod. No.	Order Quan.	Description	Price	TOTAL
54mm Casting Tubes				
03178		1.870" O.D. X 1.800" I.D. X 20.50" Long	3.95	
75mm Casting Tubes				
03180		2.557" O.D. X 2.493" I.D. X 17.75" Long	5.95	
98mm Casting Tubes				
03182		3.370" O.D. X 3.270" I.D. X 6.00" Long	2.95	
PAPER/PHENOLIC MOTOR CASINGS Black convolute-wound XX-grade paper-phenolic tubing				
01950		.938" O.D. X .812" I.D. X 48" Long	14.95	
01960		1.130" O.D. X 1.005" I.D. X 48" Long	24.95	
01970		1.500" O.D. X 1.312" I.D. X 48" Long	29.95	
PAPER MOTOR LINERS				
18mm Liners				
02000		.629" O.D. X .562" I.D. X 2.093" Long	.25	
24mm Liners				
02010		.865" O.D. X .775" I.D. X 2.034" Long	.35	
29mm Liners				
02032		1.004" O.D. X .950" I.D. X 3.548" Long	.45	
02035		1.004" O.D. X .950" I.D. X 5.298" Long	.50	
02040		1.004" O.D. X .950" I.D. X 7.058" Long	.65	
02020		1.005" O.D. X .880" I.D. X 4.141" Long	.50	
38mm Liners				
02052		1.380" O.D. X 1.313" I.D. X 1.875" Long	.35	
02055		1.380" O.D. X 1.313" I.D. X 3.750" Long	.50	
02060		1.380" O.D. X 1.313" I.D. X 5.625" Long	.75	
PAPER/PHENOLIC MOTOR LINERS Heavy-duty convolute-wound phenolic, not the thin spiral-wound stuff that burns through easily				
02045		.997" O.D. X .937" I.D. X 36" Long	14.95	
02065		1.375" O.D. X 1.312" I.D. X 48" Long	29.95	
03000		1.982" O.D. X 1.875" I.D. X 48" Long	39.95	
03035		2.730" O.D. X 2.562" I.D. X 48" Long	69.95	
03040		3.610" O.D. X 3.375" I.D. X 48" Long	99.95	
BUNA-N O-RINGS				
00001		.826" O.D. X .590" I.D. X .118" Thick	.45	
00002		1.170" O.D. X .924" I.D. X .123" Thick	1.45	
00014		5/8" O.D. X 1/2" I.D. X .070" Thick	.10	
00017		13/16" O.D. X 11/16" I.D. X .070" Thick	.15	
00018		7/8" O.D. X 3/4" I.D. X .070" Thick	.15	

Prod. No.	Order Quan.	Description	Price	TOTAL
BUNA-N O-RINGS (Cont'd)				
00020		1" O.D. X 7/8" I.D. X .070" Thick	.20	
00025		1-5/16" O.D. X 1-3/16" I.D. X .070" Thick	.25	
00032		2" O.D. X 1-7/8" I.D. X .070" Thick	.35	
00111		5/8" O.D. X 7/16" I.D. X .103" Thick	.15	
00115		7/8" O.D. X 11/16" I.D. X .103" Thick	.20	
00117		1" O.D. X 13/16" I.D. X .103" Thick	.25	
00119		1-1/8" O.D. X 15/16" I.D. X .103" Thick	.30	
00122		1-5/16" O.D. X 1-1/8" I.D. X .103" Thick	.35	
00212		1-1/8" O.D. X 7/8" I.D. X .139" Thick	.40	
00216		1-3/8" O.D. X 1-1/8" I.D. X .139" Thick	.45	
00224		2" O.D. X 1-3/4" I.D. X .139" Thick	.50	
00230		2-3/4" O.D. X 2-1/2" I.D. X .139" Thick	.70	
00318		1-3/8" O.D. X 1" I.D. X .210" Thick	.50	
00339		3-5/8" O.D. X 3-1/4" I.D. X .210" Thick	.90	

CASTING PLUGS & NOZZLE CAPS (CAPPLUGS)				
Generally used for capping the ends of casting tubes; reusable indefinitely				
04916		9/16" Dia. Caplug	.10	
04580		5/8" Dia. Caplug	.10	
042532		25/32" Dia. Caplug	.15	
041316		13/16" Dia. Caplug	.15	
04780		7/8" Dia. Caplug	.15	
041516		15/16" Dia. Caplug	.20	
04100		1" Dia. Caplug	.20	
042116		1-5/16" Dia. Caplug	.25	
04178		1-7/8" Dia. Caplug	.35	
04214		2-1/4" Dia. Caplug	.50	
042916		2-9/16" Dia. Caplug	.60	
04358		3-5/8" Dia. Caplug	.75	

MOTOR FORWARD & AFT INSULATOR WASHERS				
03350		13/16" Dia. X .032" Thick Neoprene Washer	.25	
03355		1-1/8" Dia. X .062" Thick Neoprene Washer	.35	
05400		.865" Dia. X .032" Thick Fiber Washer	.25	
05402		1.000" Dia. X .062" Thick Fiber Washer	.35	
05404		1.375" Dia. X .062" Thick Fiber Washer	.50	
05406		1.990" Dia. X .062" Thick Phenolic Washer	.95	
05408		2.730" Dia. X .125" Thick Fiber Washer	1.95	
05410		3.610" Dia. X .250" Thick Phenolic Stepped Washer	19.95	

DELAY INSULATOR TUBES				
24/29mm Delay Insulator Tubes				
03070		5/8" O.D. X 9/16" I.D. X .613" Long Paper	.25	
03072		5/8" O.D. X 9/16" I.D. X .750" Long Paper	.25	
29/38mm Delay Insulator Tubes				
03300		13/16" O.D. X 5/8" I.D. X .594" Long Paper	.25	
03302		13/16" O.D. X 5/8" I.D. X .719" Long Paper	.25	
54mm Delay Insulator Tubes				
03356		1-1/8" O.D. X 15/16" I.D. X .815" Long Paper	.35	
03357		1-1/8" O.D. X 15/16" I.D. X 1.315" Long Paper	.45	
75/98mm Delay Insulator Tubes				
03080		1-1/2" O.D. X 1-5/16" I.D. X 1-1/2" Long Phenolic	1.75	
03081		1-1/2" O.D. X 1-5/16" I.D. X 2" Long Phenolic	1.95	

Prod. No.	Order Quan.	Description	Price	TOTAL
DRAG QUEEN™ PARACHUTES				
13016		16" Fabric Parachute	3.95	
13018		18" Fabric Parachute	4.95	
13024		24" Fabric Parachute	6.95	
13030		30" Fabric Parachute	7.95	
13042		42" Fabric Parachute	10.95	

RANGEPRO IMPULSE METER, CD-ROM, BOOKS				
RP1000		RangePro 1000 Impulse Meter	695.00	
RLCD01		RCS Resource Library CD-ROM Including RMS Motor Assembly, Liner & Ext. Dimension Dwg.	19.95	
MHPR01		Modern High Power Rocketry by Mark Canepa (234 pgs.)	24.95	
ECP01		Experimental Composite Propellant by Terry W. McCreary, Ph.D. (243 pgs.)	54.95	

PROPELLANT CHEMICALS				
Fresh new chemicals, not surplus or second-hand material				
R45HT1G		R-45HTLO Polybutadiene Resin- 1 gallon	29.95	
IDP8OZ		Isodecyl Pelargonate Plasticizer- 8 oz	9.95	
IDP1G		Isodecyl Pelargonate Plasticizer- 1 gallon	39.95	
E7448OZ		Desmodur E 744 Isocyanate- 8 oz	9.95	
CAO540G		CAO-5 Antioxidant- 40 grams	4.95	
CRO100G		Chromium Oxide Catalyst- 100 grams	4.95	
CUCR100G		Copper Chromite Catalyst- 100 grams	15.95	
SUBTOTAL				
Less RCS IERT course alumni discount (if applicable)				
UT residents add 6-1/4% sales tax				
Shipping and handling (CONUS)				\$8.00
TOTAL AMOUNT DUE (Please make checks payable to RCS Rocket Motor Components, Inc.)				

For shipping beyond CONUS, email or fax RCS for charges.
NOTE: Chemicals and premixes may not be shipped outside the U.S.

PLEASE READ THIS NOTICE:

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I, the buyer, have read the notice above and agree to its terms. I assume all risk and liability of RCS products once purchased. I understand that the manufacture of rocket motors and rocket propellant may be an inherently dangerous activity. I have or I will read Terry McCreary's book "Experimental Composite Propellant" prior to using RCS products and will follow the safety procedures prescribed therein. I agree to conduct my rocket activities in compliance with all applicable laws and regulations to the best of my ability. I certify that the RCS products being purchased are for personal or educational use only and are not for resale.

BUYER'S SIGNATURE

DATE

(Orders will not be shipped without a signature)

Thank You For Your Order!