



www.rocketmotorparts.com

2113 W. 850 N. St.
Cedar City, UT 84720
(435) 865-7100 (Ph)
(435) 865-7120 (Fax)
orders@rocketmotorparts.com

- Personal Check*
(may delay order shipment)
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*Please make checks payable to "RCS Rocket Motor Components, Inc."

Prod. No.	Order Quan.	Description	Price	TOTAL
NOTE: All part numbers beginning with 'K' are Kosdon by AeroTech™ (KBA™) or KBA Animal-Compatible™				
MOLDED GLASS/PHENOLIC NOZZLES				
18mm Nozzles				
01000		.625" O.D. X .064" Throat X .188" Exit	1.95	
01050		.625" O.D. X .120" Throat X .272" Exit	1.95	
24mm Nozzles				
01100		.808" O.D. X .086" Throat X .190" Exit	1.95	
01150		.808" O.D. X .104" Throat X .250" Exit	1.95	
01250		.865" O.D. X .086" Throat X .190" Exit	1.95	
01300		.865" O.D. X .104" Throat X .250" Exit	1.95	
01350		.865" O.D. X .141" Throat X .313" Exit	1.95	
29/38mm Nozzles				
01400		1.000" O.D. X .104" Throat X .250" Exit	1.95	
01450		1.000" O.D. X .141" Throat X .313" Exit	1.95	
01500		1.000" O.D. X .180" Throat X .438" Exit	1.95	
01550		1.000" O.D. X .291" Throat X .688" Exit	2.50	
38mm Nozzle				
01600		1.308" O.D. X .137" Throat X .289" Exit	9.95	
54mm Nozzles				
01670		1.985" O.D. X .455" Throat X 1.250" Exit	21.95	
01700		*Medusa™ 1.990" O.D. X .192" Center Throat X .500" Exit + 6 Outer .125" Plugged Throats X .375" Exits	14.95	
75mm Nozzles				
01750		*Medusa™ 2.730" O.D. X .344" Center Throat X .750" Exit + 6 Outer .188" Plugged Throats X .562" Exits	29.95	
01770		2.730" O.D. X .685" Throat X 1.875" Exit	43.95	
98mm Nozzles				
01800		3.619" O.D. X .344" Throat X .900" Exit	43.95	
01800-3		3.619" O.D. X .734" Throat X 1.750" Exit	43.95	
01850		*Medusa™ 3.619" O.D. X .413" Center Throat X 1.000" Exit + 6 Outer .250" Plugged Throats X .750" Exits	43.95	
PROPELLANT CASTING TUBES				
18mm Casting Tubes				
03154L		.562" O.D. X .534" I.D. X 24.00" Long	.95	
03155L		.610" O.D. X .564" I.D. X 25.75" Long (Plastic)	1.50	
03156L		.620" O.D. X .594" I.D. X 24.75" Long	.95	
24mm Casting Tubes				
03158L		.772" O.D. X .750" I.D. X 25.50" Long	1.25	
03160L		.808" O.D. X .782" I.D. X 28.50" Long	1.50	
29mm Casting Tubes				
03162L		.872" O.D. X .840" I.D. X 25.00" Long	1.95	
03164L		.933" O.D. X .901" I.D. X 29.00" Long	1.95	
03165L		.933" O.D. X .887" I.D. X 25.75" Long (Plastic)	2.50	
03168L		1.000" O.D. X .975" I.D. X 25.75" Long	1.95	

CONSUMER ORDER FORM

Prices and specifications effective June 30, 2009. Prices and specifications subject to change without notice. Please allow 1 - 2 weeks for delivery.

Name _____ Age _____

Address _____

City _____ State _____ Zip _____

Credit Card No. _____

Credit Card Expiration Date _____

Name Shown On Card _____

Signature _____

Day Phone _____ Date _____

Prod. No.	Order Quan.	Description	Price	TOTAL
38mm Casting Tubes				
03170L		1.308" O.D. X 1.274" I.D. X 22.75" Long	2.95	
03172L		1.308" O.D. X 1.213" I.D. X 24.50" Long	2.95	
K03186		1.225" O.D. X 1.175" I.D. X 26.58"	3.00	
54mm Casting Tubes				
03176L		1.750" O.D. X 1.688" I.D. X 28.00" Long	3.95	
03178L		1.870" O.D. X 1.800" I.D. X 20.50" Long	3.95	
K03188		1.823" O.D. X 1.753" I.D. X 24.47" Long	4.00	
75mm Casting Tubes				
03180L		2.557" O.D. X 2.493" I.D. X 17.75" Long	5.95	
K03190		2.605" O.D. X 2.505" I.D. X 18.31" Long	5.00	
98mm Casting Tubes				
03182L		3.370" O.D. X 3.270" I.D. X 6.00" Long	2.95	
03184L		3.370" O.D. X 3.270" I.D. X 48.00" Long*	19.95	
CONVOLUTE PAPER/PHENOLIC MOTOR CASINGS*				
01930L		.703" O.D. X .625" I.D. X 48" Long*	24.95	
01950L		.938" O.D. X .812" I.D. X 48" Long*	24.95	
01960L		1.130" O.D. X 1.005" I.D. X 48" Long*	24.95	
01970L		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	
K04010-1		.985" O.D. X .943" I.D. X 5.00" Long	.50	
K04010-2		.985" O.D. X .943" I.D. X 8.34" Long	.70	
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	
K03200-2		1.298" O.D. X 1.231" I.D. X 12.50" Long	1.50	
54mm Inner Liners (Fits Inside 03000)				
02085		1.870" O.D. X 1.755" I.D. X 6.625" Long	.95	
02090		1.870" O.D. X 1.755" I.D. X 9.968" Long	1.50	
02095		1.870" O.D. X 1.755" I.D. X 13.280" Long	1.95	
CONVOLUTE PAPER/PHENOLIC MOTOR LINERS*				
02045L		.997" O.D. X .937" I.D. X 48" Long*	24.95	

Prod. No.	Order Quan.	Description	Price	TOTAL
CONVOLUTE PAPER/PHENOLIC MOTOR LINERS* (Cont'd)				
02065L		1.375" O.D. X 1.312" I.D. X 48" Long*	29.95	
03000L		1.982" O.D. X 1.875" I.D. X 48" Long*	39.95	
03035L		2.730" O.D. X 2.562" I.D. X 48" Long*	69.95	
03040L		3.610" O.D. X 3.375" I.D. X 48" Long*	99.95	
SPIRAL PAPER/PHENOLIC MOTOR LINERS*				
K03205		1.915" O.D. X 1.835" I.D. X 25.97" Long*	5.00	
K03210		2.730" O.D. X 2.615" I.D. X 37.03" Long*	9.00	
MOLDED DELAY AND EJECTION BULKHEADS				
01917-1		1" O.D. X 13/16" I.D. X 1.625" Long ABS Plastic	.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	
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	
K00001		22.5mm O.D. X 15mm I.D. X 3.75mm Thick	.50	
SILICONE O-RINGS				
K00117		1" O.D. X 13/16" I.D. X .103" Thick	.50	
K00121		1-1/4" O.D. X 1-1/16" I.D. X .103" Thick	.50	
K00223		1-7/8" O.D. X 1-1/2" I.D. X .139" Thick	.75	
K00229		2-5/8" O.D. X 2-3/8" I.D. X .139" Thick	1.00	
CASTING PLUGS & NOZZLE CAPS (CAPPLUGS) Generally used for capping the ends of casting tubes; reusable indefinitely				
04120		1/2" Dia. Caplug	.10	
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	

Prod. No.	Order Quan.	Description	Price	TOTAL
MOTOR FORWARD & AFT INSULATOR WASHERS (Cont'd)				
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	
K03215		.660" O.D. X .620" I.D. X .350" Long Paper forward delay adapter	.15	
K06005		7/8" O.D. X 5/8" I.D. X .790" Long Paper	.30	
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	
PLASTIC DELAY ADAPTERS Fit 01950L or 01960L case and 03156L casting tube				
03090		13/16" O.D. X 5/8" I.D. X 3/8" Long Polyethylene	.35	
03091		13/16" O.D. X 5/8" I.D. X 1/2" Long Polyethylene	.35	
03092		1" O.D. X 5/8" I.D. X 5/8" Long Polyethylene	.50	
03093		1" O.D. X 5/8" I.D. X 13/16" Long Polyethylene	.50	
CD-ROM, BOOKS				
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	
ARMC01		Amateur Rocket Motor Construction by David Sleeter (514 pgs.)	29.95	
PROPELLANT CHEMICALS				
R45HT1G		R-45HTLO Polybutadiene Resin- 1 gallon*	39.95	
R45HXHG		R-45HTLO Polybutadiene Resin w/CAO-5 Antioxidant & HX-752 Bonding Agent- 1/2 gallon*	49.95	
IDP8OZ		Isodecyl Pelargonate Plasticizer- 8 oz	11.00	
IDP1G		Isodecyl Pelargonate Plasticizer- 1 gallon*	39.95	
E7448OZ		Desmodur E 744 Isocyanate Curative- 8 oz	11.00	
E7441G		Desmodur E 744 Isocyanate Curative- 1 gallon*	39.95	
CAO540G		CAO-5 Antioxidant- 40 grams	4.95	
FEO100G		Iron Oxide Catalyst- 100 grams	4.95	
CRO100G		Chromium Oxide Catalyst- 100 grams	4.95	
CUCR100G		Copper Chromite Catalyst- 100 grams	15.95	
AP200		200 Micron Ammonium Perchlorate Oxidizer- 20 lbs*	335.00	
AP400		400 Micron Ammonium Perchlorate Oxidizer- 20 lbs*	335.00	
APB200		200 Micron Ammonium Perchlorate Oxidizer Blend- 20 lbs*	395.00	
APB400		400 Micron Ammonium Perchlorate Oxidizer Blend- 20 lbs*	395.00	
APB400200		400/200 Micron Ammonium Perchlorate Oxidizer Blend- 20 lbs*	395.00	
EMK™ EXPERIMENTAL MOTOR KITS				
EMK2960SC		29/60 EMK For Slot or Core-burning Propellant Grains	8.00	
EMK2980SC		29/80 EMK For Slot or Core-burning Propellant Grains	9.00	
EMK29120S		29/120 EMK For Slot-burning Propellant Grains	10.00	
EMK29120C		29/120 EMK For Core-burning Propellant Grains	10.00	

SUPER-LUBE™ SYNTHETIC O-RING GREASE, MISC.			
99217		Super-Lube™ Synthetic Grease- 3 oz tube	5.00
99218		Super-Lube™ Synthetic Grease- 400 gram can	11.00
04800		Ejection Charge Container- Snap Cap NEW!!	.35
SUBTOTAL			
UT residents add 6.05% sales tax			
Shipping and handling (CONUS)			\$9.00
*Extra shipping charge for 48" casting tubes, all phenolic liners and casings, 1/2 gallon and larger liquid chemicals & all AP Blends (CONUS)			\$10.00
Hazmat fee (AP Blends only)			\$22.50
Additional shipping fees (calculated by RCS)			
TOTAL AMOUNT DUE (Please make checks payable to RCS Rocket Motor Components, Inc.)			

For shipping beyond CONUS, email or fax RCS for charges. Additional shipping charges may apply for orders containing more than one gallon of chemicals or multiple phenolic liners. **NOTE:** Nozzles, phenolic tubing, chemicals and Range Pro will not be shipped outside the U.S.

PLEASE READ THIS NOTICE:

RCS Rocket Motor Components (RCS), Inc. products are sold "as-is" and no warranty, suitability or fitness for any particular application, either expressed or implied, is made regarding RCS products. Since we cannot control the storage, transportation and use of our products, once sold we cannot assume any responsibility for product storage, transportation or usage. RCS shall not be held responsible for any personal injury or property damage resulting from the handling, storage or use of our products. The buyer assumes all risks and liabilities therefrom and accepts and uses RCS products on these conditions. Note: Your state may provide additional rights not covered by this warranty.

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!