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RACCOON DISPLAY Fireworks Company



Armed with his passion and knowledge of chemistry, Steven Zhou has devoted the last 30 years to improving his family's traditional manufacturing process.

Raccoon Display Fireworks has established a reputation as one of the top display fireworks manufacturers in China. It is especially renowned for the following:

- Employing more than one hundred fireworks professionals, including manufacturing engineers, display technicians, sound/lighting specialists, show / choreography artists, graphic designers, and music / video editing technicians.
- One the few fireworks manufacturers with a strong in-house R&D program, resulting in 12 patented products and manufacturing processes.
- A manufacturing base of 7,100,000 square ft with an annual capacity for 200,000 boxes.

- Listed as one of the "Top 20 fireworks factory in China" by the China Fireworks Association.
- Specializes in ghost shells, willow, crown or brocade, strobing, as well as pillar bombs used in Europe and customized designs like water matrix fireworks displays and 3-D towers.
- Winner of the New Product Development Gold Award in China.





Raccoon Display Fireworks has earned a class "A" manufacturing license, the highest manufacturing qualification in China. This classification is a testimony of our record in safety and quality. Raccoon Display Fireworks is also a class A display company with the most cutting-edge display equipment and advanced choreography designs.







DISPLAY SHELLS

Size	Packing	VOLUME (M3)	G.W. (KG)
2.5"	96/1	0.043	14
3"	72/1	0.053	17
4"	36/1	0.054	19
5"	24/1	0.061	23
6"	9/1	0.088	17
7"	4/1	0.065	11
8"	1/1	0.038	14

PISPLAY SHELL

THE UNIQUE CANISTER SHELL STRUCTURE
ALLOWS FOR POWERFUL EFFECTS AND
ITALIAN STYLE MULTIPLE BREAKS.





SHELL ASSORTMENT

SIZE	Packing	VOLUME (M3)	G.W. (KG)
2.5"	12/8	0.043	14
3"	12/6	0.053	17
4"	9/4	0.054	19
5"	8/3	0.061	23
6"	3/3	0.088	17
7"	4/1	0.065	11





DISPLAY SHELLS

PEONY

- 1. SINGLE COLOR PEONY(2.5"-8")
- 2. Two Color Peony (3"-8")
- 3. ELECTRIC COLOR PEONY(3"-8")
- 4. Multi-color Peony (3"-8")
- 5. Color Change Peony (3"-8")
- 6. Two Color Half Shell Peony (3"-8")
- 7. Two Color Change to Crackling Peony (3"-8")
- 8. Three Color Change to Crackling Peony (3"-8")
- 9. SINGLE COLOR PEONY WITH PISTIL (3"-8")

DISPLAY SHELLS

CHRYSANTHEMUM

- 1. SINGLE COLOR CHRYSANTHEMUM(2.5"-8")
- 2. Two Color Chrysanthemum(3"-8")
- 3. Multi-color Chrysanthemum(3"-8")
- 4. Color Change Chrysanthemum(3"-8")
- 5. Color Change GLITTER CHRYSANTHEMUM(3"-8")
- 6. SINGLE COLOR CHRYSANTHEMUM WITH PISTIL (3"-8")
- 7. Two Color Change Chrysanthemum with Pistil (3"-8")
- 8. Two Color Change Chrysanthemum with Pistil (3"-8") and 2 Layer Color Change Ring(3"-8")
- 9. THREE COLOR CHANGE CHRYSANTHEMUM WITH PISTIL (3"-8")







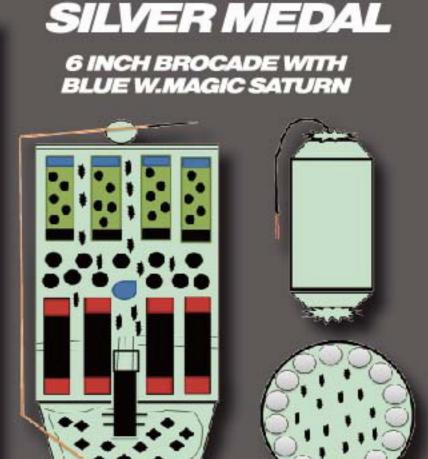








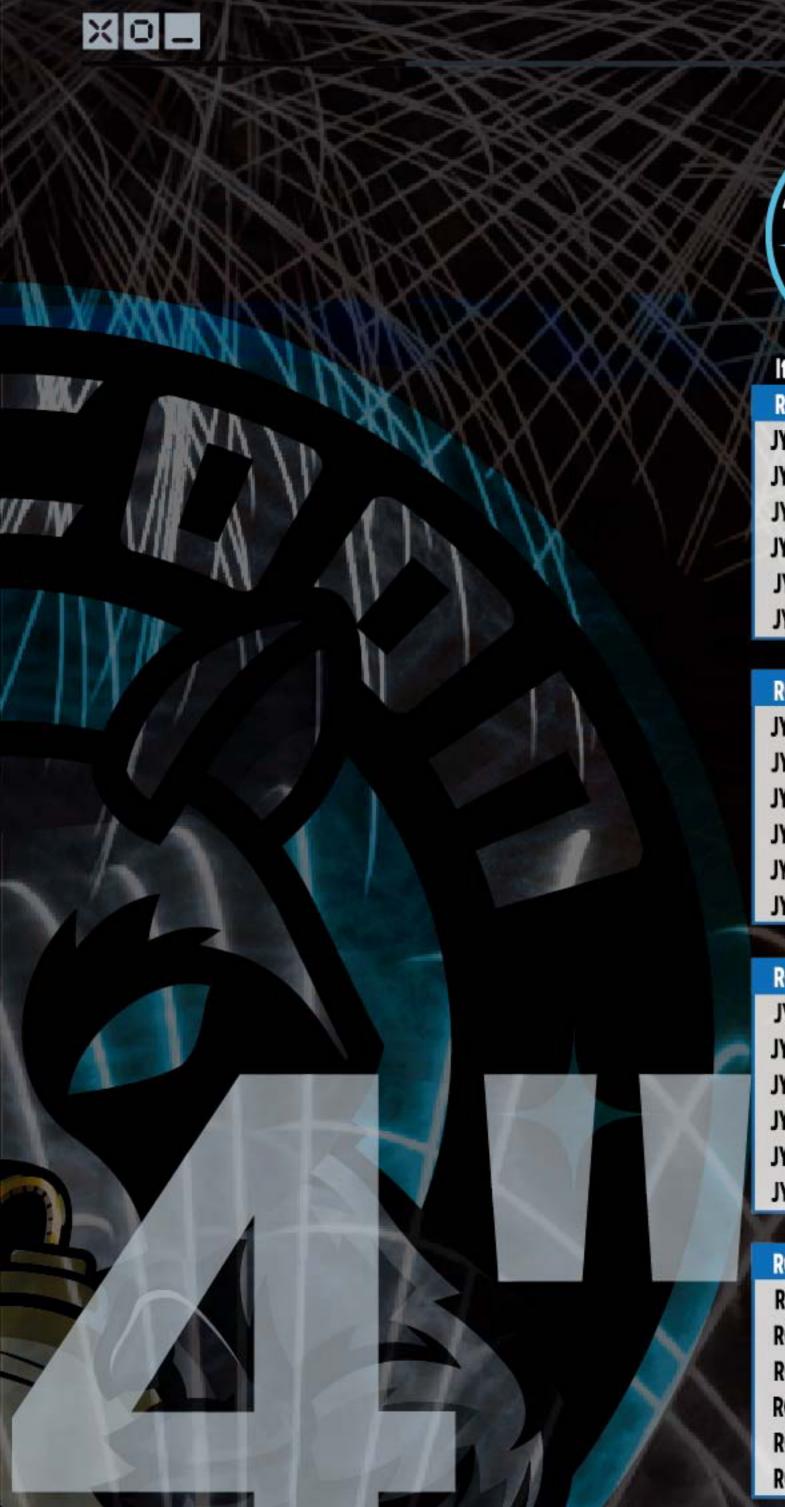








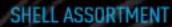




DISPLAY SHELL ASSORTMENT 4"

1.3 +		-	Distance Time	Donation	Hataka	Chat	Dealine
Item no.	1.7G DISDLAY SUELL STANDARD ASSORTMENT AT	Cal.	Rising Time	Duration	Height	Shots	Packing
RC13461 JY4-0020	1.3G DISPLAY SHELL STANDARD ASSORTMENT 4"	100 mm	2,8 sec.	4,5 sec.	130 m	_	36 PCS
JY4-0020 JY4-0022	Silver Strobe Chrysanthemum to Cyan Silver Strobe Chrysanthemum to Magenta						6 pes
JY4-0104	Glitter Silver Chrysanthemum to Purple						6 pcs
JY4-0096	Red Wave Chrys						6 pcs 6 pcs
JY4-0036 JY4-0116	Brocade Crown to Purple						6 pcs
JY4-0176	Blue to Red Peony						
314-0170	blue to ked reolly					1175	6 pcs
RC13462	1.3G DISPLAY SHELL STANDARD ASSORTMENT 4"	100 mm	2,8 sec.	4,5 sec.	130 m	1	36 PCS
JY4-0220	Red Strobe Willow						6 pcs
JY4-0232	Lemon Dahlia						6 pcs
JY4-0246	Yellow Falling Leaves						6 pcs
JY4-0289	Red to Sea Blue						6 pcs
JY4-0002	Blue Chrysanthemum						6 pcs
JY4-0067	Magenta to Popping Flower						6 pcs
						The same of	100
				1 1	- 17	1	
RC13463	1.3G DISPLAY SHELL STANDARD ASSORTMENT 4"	100 mm	2,8 sec.	4,5 sec.	130 m	1	36 PCS
RC13463 JY4-0113	1.3G DISPLAY SHELL STANDARD ASSORTMENT 4" Brocade Crown to Blue	100 mm	2,8 sec.	4,5 sec.	130 m		36 PCS 6 pcs
ALCOHOLOGIC DOSCO		100 mm	2,8 sec.	4,5 sec.	130 m	1	
JY4-0113	Brocade Crown to Blue	100 mm	2,8 sec.	4,5 sec.	130 m	1	6 pcs
JY4-0113 JY4-0036	Brocade Crown to Blue Ti Crackling Flower Coconut Tree	100 mm	2,8 sec.	4,5 sec.	130 m	1	6 pcs 6 pcs
JY4-0113 JY4-0036 JY4-0242	Brocade Crown to Blue Ti Crackling Flower Coconut Tree Cyan & Pink Dahlia	100 mm	2,8 sec.	4,5 sec.	130 m	1	6 pcs 6 pcs 6 pcs
JY4-0113 JY4-0036 JY4-0242 JY4-0059	Brocade Crown to Blue Ti Crackling Flower Coconut Tree Cyan & Pink Dahlia Lime to Crackling Flower	100 mm	2,8 sec.	4,5 sec.	130 m	1	6 pcs 6 pcs 6 pcs 6 pcs
JY4-0113 JY4-0036 JY4-0242 JY4-0059 JY4-0220 JY4-0014	Brocade Crown to Blue Ti Crackling Flower Coconut Tree Cyan & Pink Dahlia Lime to Crackling Flower Red Strobe Willow Cyan & Magenta Chrysanthemum				130 m		6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs
JY4-0113 JY4-0036 JY4-0242 JY4-0059 JY4-0220 JY4-0014	Brocade Crown to Blue Ti Crackling Flower Coconut Tree Cyan & Pink Dahlia Lime to Crackling Flower Red Strobe Willow Cyan & Magenta Chrysanthemum 1.3G DISPLAY SHELL PREMIUN ASSORTMENT 4"	100 mm	2,8 sec. 2,8 sec.	4,5 sec. 4,5 sec.	130 m		6 pcs 6 pcs 6 pcs 6 pcs 6 pcs
JY4-0113 JY4-0036 JY4-0242 JY4-0059 JY4-0220 JY4-0014 RC13464 RC13401	Brocade Crown to Blue Ti Crackling Flower Coconut Tree Cyan & Pink Dahlia Lime to Crackling Flower Red Strobe Willow Cyan & Magenta Chrysanthemum 1.3G DISPLAY SHELL PREMIUN ASSORTMENT 4" Nishiki Kamuro with crackling pistil						6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 36 PCS
JY4-0113 JY4-0036 JY4-0242 JY4-0059 JY4-0220 JY4-0014 RC13464 RC13401 RC13402	Brocade Crown to Blue Ti Crackling Flower Coconut Tree Cyan & Pink Dahlia Lime to Crackling Flower Red Strobe Willow Cyan & Magenta Chrysanthemum 1.3G DISPLAY SHELL PREMIUN ASSORTMENT 4" Tishiki Kamuro with crackling pistil Blue-Red-Orange-Lemon-Green ghost(Neon Ghost)						6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs
JY4-0113 JY4-0036 JY4-0242 JY4-0059 JY4-0220 JY4-0014 RC13464 RC13401 RC13402 RC13403	Brocade Crown to Blue Ti Crackling Flower Coconut Tree Cyan & Pink Dahlia Lime to Crackling Flower Red Strobe Willow Cyan & Magenta Chrysanthemum 1.3G DISPLAY SHELL PREMIUN ASSORTMENT 4" Vishiki Kamuro with crackling pistil Blue-Red-Orange-Lemon-Green ghost(Neon Ghost) Color with Premium Double Pistil						6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs
JY4-0113 JY4-0036 JY4-0242 JY4-0059 JY4-0220 JY4-0014 RC13464 RC13401 RC13402 RC13403 RC13404	Brocade Crown to Blue Ti Crackling Flower Coconut Tree Cyan & Pink Dahlia Lime to Crackling Flower Red Strobe Willow Cyan & Magenta Chrysanthemum 1.3G DISPLAY SHELL PREMIUN ASSORTMENT 4" Nishiki Kamuro with crackling pistil Blue-Red-Orange-Lemon-Green ghost(Neon Ghost) Color with Premium Double Pistil Color with Premium Color Change Pistil						6 pcs 6 pcs
JY4-0113 JY4-0036 JY4-0242 JY4-0059 JY4-0220 JY4-0014 RC13464 RC13401 RC13402 RC13403	Brocade Crown to Blue Ti Crackling Flower Coconut Tree Cyan & Pink Dahlia Lime to Crackling Flower Red Strobe Willow Cyan & Magenta Chrysanthemum 1.3G DISPLAY SHELL PREMIUN ASSORTMENT 4" Vishiki Kamuro with crackling pistil Blue-Red-Orange-Lemon-Green ghost(Neon Ghost) Color with Premium Double Pistil						6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs 6 pcs







X O L



SINGLE SHOT & ROMAN CANDLE

1.3G SINGLE SHOT

SIZE	PACKING	VOLUME (M3)	G.W. (Kgs)
1.2"	50/1	0.043	12
1.5"	60/1	0.039	14
2"	40/1	0.043	12
3"	25/1	0.060	16

1.3G DISPLAY CANDLE

SIZE	SHOTS	PACKING	VOLUME (M3)	G.W.(Kgs)
1"	8	36/1	0.041	14
1.2"	8	25/1	0.037	14
1.5"	8	25/1	0.055	21
1.75"	8	12/1	0.039	14

ACCESSORY



1.4G PRO LINE PRODUCTION PROCESS



www.raccoonfireworks.com

RACCOON PRO LINE

PROFESSIONAL DISPLAY USE ONLY



The Raccoon 1.4G Pro Line is manufactured per APA 87-1C 2018 standard for professional use only. Please refer to APA 87-1C for detailed requirements.

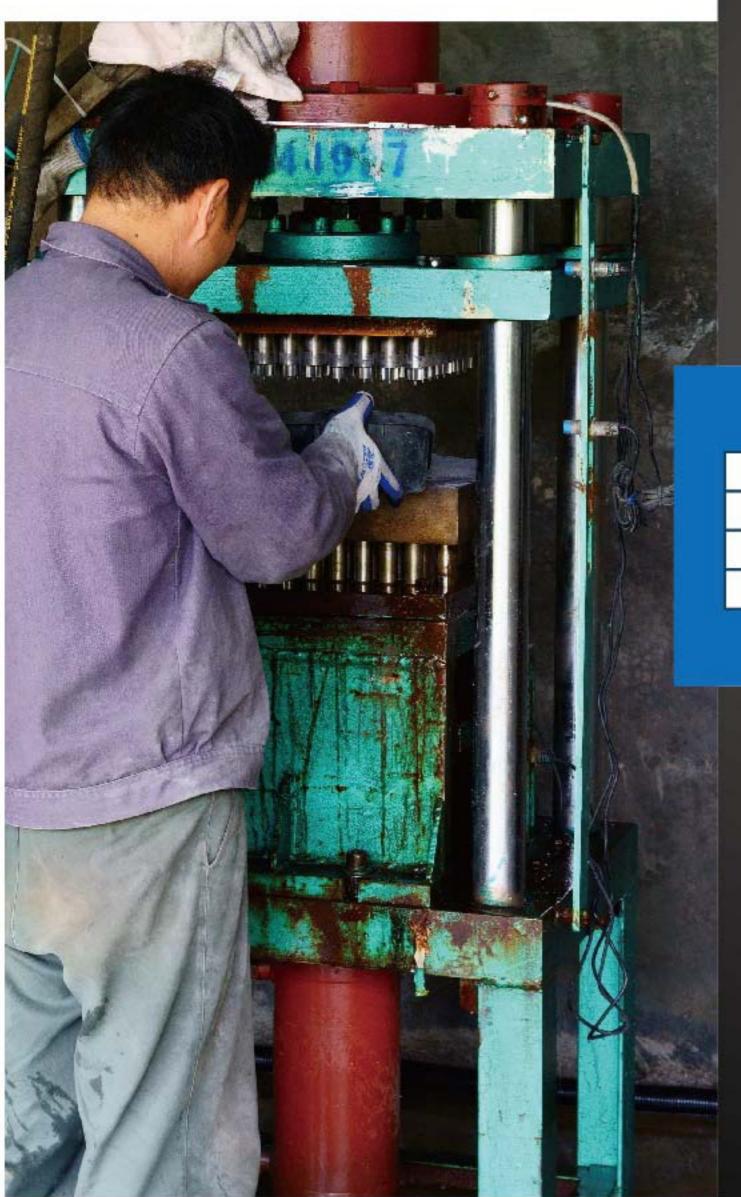
PROFESSIONAL USE ONLY DETAILS

Professional Use Only items are not intended for retail sales. These items are intended for licensed or experienced persons. Often times these items require special training or equipment to setup and operate.

All Raccoon Pro Line Professional Use Only items (El&T pyrotechnics) are classified as UN0336, Fireworks [for professional use only] Division 1.4G

Raccoon Pro Line and Raccoon Fireworks reserve the right to withhold sales of Professional Use Only to any individuals for any reason. We may request that you provide us with a copy of your state issued Display Operators License or Permit.





In 2023 season, Raccoon 1.4 G Pro line consists of four groups of products, Single shot, Slice, Cakes and Bulk Shells.

IGNITION ARRANGEMENTS:

Single Shot	E-match Port (tube bottom)
Slice Cake	Normal safety Fuse & one E-match port
Cake	Normal safety Fuse & one E-match port
Bulk Canister shell	Normal safety Fuse

ALL E MATCH PORT ARE T-LOCK.

SPECIAL EFFECTS -

- Long hanging Nishiki/Willow is one of many effects that we specialize on. We are the first to engineer these effects from 1.3g to 1.4g.
- The bulk shells are hand-picked top quality effects.
 They are ship in compact packing without tubes and are best for small shows.







RACCOON 1.4G PRO LINE SINGLE SHOT



SIZE	PACKING	VOLUME (M3)	G.W. (Kg)	IGNITION
1.2"	50/1	0.020	6	E-MATCH PORT (TUBE BOTTOM)
1.5"	36/1	0.024	9	E-MATCH PORT (TUBE BOTTOM)









RACCOON 1.4G PRO LINE BULK SHELL



SIZE	PACKING	DESCRIPTION	VOLUME (M³)	G.W. (Kg)	IGNITION
5"	4/24	24 ASSORTED NISHIKI WILLOW EFFECT	0.030	18	NORMAL SAFETY FUSE
5"	4/24	24 ASSORTED TIGER TAILS TO HUGE BREAK	0.030	18	NORMAL SAFETY FUSE
5"	20/6	6 ASSORTED MINE TO HUGE BREAK	0.040	21	NORMAL SAFETY FUSE
5"	20/6	6 ASSORTED RING EFFECT	0.040	21	NORMAL SAFETY FUSE





RACCOON 1.4G PRO LINE SLICE CAKE



SIZE	PACKING	VOLUME (M3)	G.W. (Kg)	IGNITION
1.2"	5/1	0.045	9	NORMAL SAFETY FUSE & E-MATCH PORT





GR	EEN	MIN	E TO	NISH	IKI

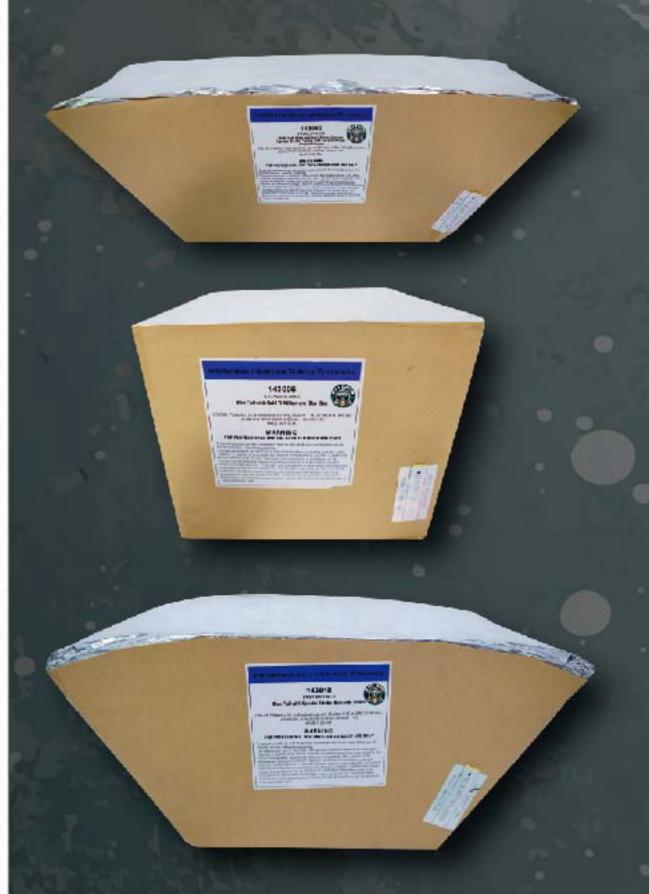
PRODUCT ID	PACKING	DESCRIPTION	FUSING	DISPLAY PATTERN
RA142001	5/1	13S TIME RAIN TAIL WITH GREEN STROBE MINE	E-MATCH PORT/SAFETY FUSE	TO DETAILED "ASTO
RA142002	5/1	13S RED,WHITE & BLUE	E-MATCH PORT/SAFETY FUSE	6/3 50% *5/4*
RA142003	5/1	13S RED TIGER TAIL WITH WHITE STROBE MINE	E-MATCH PORT/SAFETY FUSE	FAK ASPE
RA142004	5/1	13S RED STROBE TAIL WITH GREEN STROBE MINE	E-MATCH PORT/SAFETY FUSE	FAK KIPE
RA142005	5/1	13S RED TIP AND WHITE STROBE TAIL WITH WHITE STROBE MINE	E-MATCH PORT/SAFETY FUSE	6/39 dbs2
RA142006	5/1	13S BROCADE CROWN TAIL WITH RED STROBE MINE	E-MATCH PORT/SAFETY FUSE	FAN KIPE
RA142007	5/1	13S BLUE DAHLIA WITH WHITE STROBE MINE	E-MATCH PORT/SAFETY FUSE	FAK KIPF
RA142008	5/1	13S PURPLE DAHLIA WITH WHITE STROBE MINE	E-MATCH PORT/SAFETY FUSE	75K4"
RA142009	5/1	13S RED LIGHT STAR WITH WHITE STROBE MINE	E-MATCH PORT/SAFETY FUSE	TOSETHER
RA142010	5/1	13S RED LIGHT BEAD WITH BROCADE CROWN MINE	E-MATCH PORT/SAFETY FUSE	TODETHER
RA142011	5/1	13S BROCADE CROWN TAIL WITH RED STROBE MINE	E-MATCH PORT/SAFETY FUSE	TOSETHER
RA142012	5/1	13S TIME RAIN TAIL WITH TIME RAIN MINE	E-MATCH PORT/SAFETY FUSE	TO DETHER
RA142013	5/1	13S TITANIUM CRACKLING TAIL WITH CHRYSANTHEMUM MINE	E-MATCH PORT/SAFETY FUSE	*AJE*
RA142014	5/1	13S WHITE STROBE WATERFALL & RED DAHLIA	E-MATCH PORT/SAFETY FUSE	TOSETHER
				*AJr'



RACCOON 1.4G PRO LINE CAKE



	PRODUCT ID	PACKING	DESCRIPTION	SHOTS	FUSING
	RA143001	2/1	RED,BLUE MINE SILVER SPINNER W. RED STROBE & BLUE STAR	42	E-MATCH PORT/SAFETY FUSE
	RA143002	3/1	BLUE STAR MINE & NEON GLITTERING TAIL TO SPECIAL WHITE BROCADE CROWN	27	E-MATCH PORT/SAFETY FUSE
	RA143003	3/1	BLUE STAR MINE AND NEON GLITTERING TAIL TO GOLD TI WILLOW	27	E-MATCH PORT/SAFETY FUSE
	RA143004	3/1	BLUE STAR MINE AND NEON GLITTERING TAIL TO RED, GREEN FALLING LEAVES AND BLUE STAR	27	E-MATCH PORT/SAFETY FUSE
	RA143005	3/1	BLUE STAR MINE AND NEON GLITTERING TAIL TO RED, SEA BLUE STARS W. WHITE STROBE	27	E-MATCH PORT/SAFETY FUSE
	RA143006	2/1	BLUE TAIL TO GOLD TI WILLOW & BLUE STAR	42	E-MATCH PORT/SAFETY FUSE
	RA143007	2/1	BLUE TAIL TO SILVER NISHIKI WILLOW, BLUE STAR & RED STROBE	42	E-MATCH PORT/SAFETY FUSE
7	RA143008	2/1	RED COCONUT TAIL TO SILVER PLUM & RED DAHLIA	42	E-MATCH PORT/SAFETY FUSE
	RA143009	2/1	SPECIAL WHITE BROCADE CROWN TO SIVER CHRYS MINE & SILVER CHRYS	42	E-MATCH PORT/SAFETY FUSE
	RA143010	2/1	SPECIAL WHITE BROCADE CROWN TO RED, ORANGE DAHLIA	42	E-MATCH PORT/SAFETY FUSE
	RA143011	2/1	BLOOD RED MINE TO BLOOD RED DAHLIA	42	E-MATCH PORT/SAFETY FUSE
	RA143012	2/1	TEAL MINE TO TEAL DAHLIA	42	E-MATCH PORT/SAFETY FUSE
	RA143013	2/1	GRASS GREEN MINE TO GRASS GREEN DAHLIA	42	E-MATCH PORT/SAFETY FUSE
	RA143014	2/1	PEACH MINE TO PEACH DAHLIA	42	E-MATCH PORT/SAFETY FUSE
	RA143015	2/1	SEA BLUE MINE TO SEA BLUE DAHLIA	42	E-MATCH PORT/SAFETY FUSE
8	RA143016	2/1	ORANGE TAIL TO ORANGE DAHLIA	42	E-MATCH PORT/SAFETY FUSE
	RA143017	2/1	BLUE TAIL TO GOLD NISHIKI WILLOW	42	E-MATCH PORT/SAFETY FUSE
	RA143018	2/1	BLUE TAIL TO SPECIAL STROBE BROCADE CROWN	42	E-MATCH PORT/SAFETY FUSE
	RA143019	2/1	BLUE TAIL TO SILVER NISHIKI WILLOW, BLUE STAR & RED STROBE	42	E-MATCH PORT/SAFETY FUSE
	RA143020	2/1	BROCADE CROWN TAIL TO CRACKLING WILLOW & RED STROBE	42	E-MATCH PORT/SAFETY FUSE
	RA143021	2/1	BROCADE CROWN TAIL TO RED, SEA BLUE, ORANGE HYDRANGEA & WHITE STROBE	42	E-MATCH PORT/SAFETY FUSE
	RA143022	2/1	NEON GLITTERING TAIL TO WHITE STROBE & RED FALLING LEAVES	42	E-MATCH PORT/SAFETY FUSE
	RA143023	2/1	BLUE TAIL TO GOLD TI WILLOW, BLUE STARS & GREEN FALLING LEAVES	42	E-MATCH PORT/SAFETY FUSE
	RA143024	2/1	BLUE TAIL TO WHITE STROBE, BLUE STAR AND RED FALLING LEAVES	42	E-MATCH PORT/SAFETY FUSE
	RA143025	2/1	BLUE TAIL TO SILVER NISHIKI WILLOW	42	E-MATCH PORT/SAFETY FUSE
	RA143026	2/1	BROCADE CROWN TAIL TO RED, BLUE AND ORANGE HYDRANGEA AND WHITE STROBE	42	E-MATCH PORT/SAFETY FUSE
	RA143027	2/1	RED COCONUT TAIL TO CRACKLING WILLOW AND RED STROBE	42	E-MATCH PORT/SAFETY FUSE
	RA143028	2/1	SILVER WHISTLING TO PEACH, SEA BLUE, GRASS GREEN & WHITE STROBE	56	E-MATCH PORT/SAFETY FUSE
	RA143029	2/1	SILVER WHISTLING TO SILVER CHRYS	56	E-MATCH PORT/SAFETY FUSE
	RA143030	2/1	BLUE TAIL TO EJECT GOLD TI WILLOW & BLUE STAR	42	E-MATCH PORT/SAFETY FUSE
	RA143031	4/1	RED STROBING TAIL TO TITANIUM SALUTE	30	E-MATCH PORT/SAFETY FUSE
	RA143032	2/1	RED TAIL TO BROCADE CROWN	49	E-MATCH PORT/SAFETY FUSE
	RA143033	2/1	RED, GREEN, BLUE TAIL TO GOLD PALM W/ RED, GREEN AND BLUE DAHLIA	49	E-MATCH PORT/SAFETY FUSE
	RA143034	4/1	BROCADE CROWN TO RED	24	E-MATCH PORT/SAFETY FUSE
	RA143035	4/1	GREEN STROBING MINE, GOLD GLITTERS W/ BLUE COMET	24	E-MATCH PORT/SAFETY FUSE
	RA143036	4/1	STRAIGHT WHISTLING TO THUNDER	36	E-MATCH PORT/SAFETY FUSE
	RA143037	4/1	STRAIGHT WHISTLING TO THUNDER(INSTANT)	36	E-MATCH PORT/SAFETY FUSE











Thank you for your support!









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W W W . r a c c o o n f i r e w o r k s . c o m