

# TECHNICAL SPECIFICATIONS

## Tactical ResQmax Launcher Part # 520

Specification	Measurement	
Length (Folding Stock Closed)	16.8 in	42.5 cm
Length (Folding Stock Open)	28.7 in	72.9 cm
Height (Folding Stock Closed)	13.2 in	21.6 cm
Height (Folding Stock Open)	8.5 in	33.5 cm
Barrel Width	3.4 in	8.6 cm
Weight	3.4 lbs	1.5 kg
Launcher Housing	Polycarbonate	
Color	Black	
Shape	Irregular	
Internal Mechanism	Stainless Steel	

## Filler Hose Assembly Part # 911-S; 912-S; 913-S

Specification	Measurement	
Overall Length	42.8 in	108.6 cm
Hose Diameter	0.5 in	1.3 cm
Total Weight	2.2 lbs	1.0 kg
Overall Service Rating	5,000 psi	345 BAR
Hose Material	Nylon and Aramid Fiber	
Hose Finish	Black Urethane	
Filler Block Material	6061-T6 Aluminum	
Filler Block Finish	Black Anodized	
Bleed Screw	Stainless Steel & Nylon	
Adapters (DIN, SCBA, SCUBA)	Stainless Steel	

### Projectiles

Part #	Part Description	Length		Diameter		Weight		Cover Material	Color
		in	cm	in	cm	lbs	kg		
300-S	Standard Projectile	13.4	34.0	2.375	6.03	1.8	0.8	Polyethylene	Black
301-S	Sling Projectile	23.5	59.7	2.375	6.03	2.8	1.3	Polyethylene	Red
305-S 306-S	Training Projectile	13.7	34.9	2.28	5.79	1.9	0.9	High Density Urethane	Red or Florescent

Projectiles are made from 6061-T6 Al, have a black powder-coat finish, and a Service Pressure of 3,000psi.

Nozzles are Stainless Steel. Nozzle Protectors are black glass-filled nylon.

Sling is yellow, made of nylon, and is equipped with auto-inflating mechanism and manual-inflating oral tube.

### Grappling Hook

Part #	Material	Length		Width		Minimum Break Load		Weight	
		in	cm	in	cm	lbs	kg	lbs	kg
750	Heat Treated 6AL-4V Grade 5 Ti.	12.0	30.5	Irregular		2,200	1,000	1.5	0.7

Safe working load is 730 lbs / 330kg. Grappling Hook Nose Cone is made of Glass Filled Nylon.

### Ladder Options

Part #	Material	Length		Width		Minimum Break Load		Weight per Length	
		ft	m	in	cm	lbs	kg	lbs	kgs
735	Nylon with Elastomer Rungs	40	12	6.5	15.5	7,500	3,400	5.2	2.35
744	Nylon with Fiberglass Rungs	50	15	6.0	15.2	4,800	2,180	5.8	2.6

Rungs spaced at 12in / 30.5cm. Safe working load is 730 lbs / 332 kgs. Fiberglass Rungs covered with non-slip Neoprene.

Line Containers are irregularly shaped and made of polyethylene with a black finish. Hinges are

Stainless Steel. Compact Line Container Weight: 1.8lbs / 0.8 kg Large Line Container Weight: 2.9lbs / 1.3kg.

### Rope Options

Part #	Material	Length		Diam	Specific Gravity	Minimum Break Load		Weight per Length	
		ft	m			(mm)	lbs	kg	lbs
801	HMPE and Nylon	165	50	7	>1	5,780	2622	4.3	2
802	HMPE and Nylon	330	100	5.5	>1	3,200	1,194	5.2	2.6
803	Spectra	500	152	4	<1	1,500	680	1.75	0.8
804	Spectra	500	152	6	<1	3,000	1,360	3.5	1.6
805	Dacron	500	152	3	>1	500	225	1.95	0.9
806	Polyspectra	300	92	8	<1	2,200	1,000	4.8	2.2
808	Polypropylene	328	100	6	<1	1,100	500	3.1	1.4

Line Containers are irregularly shaped and made of polyethylene with a black finish. Hinges are

Stainless Steel. Compact Line Container Weight: 1.8lbs / 0.8 kg Large Line Container Weight: 2.9lbs / 1.3kg

### Bags and Cases

Part #	Part Description	Length		Width		Height		Weight	
		in	cm	in	cm	in	cm	lbs	kg
908	Kit Bag	28.0	70.0	14.0	35.0	16.0	41.0	2.3	1.0
908	Pelican Case - Small	31.59	80.2	20.47	52.0	12.45	31.6	29.3	13.3
909	Pelican Case - Large	31.59	80.2	22.99	58.4	19.48	49.5	37.7	17.1

Cases are made of Copolymer with Black finish. Small Pelican Case will hold a maximum of 2 Compact Line Containers.

Large Pelican Case will hold a maximum of 2 Large Line Containers or 1 Large and 2 Small Line Containers.

\*Please Note: All values are displayed as maximum, external measurements.

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