

## Miscellaneous Gear

### Specification of Personal Protective Gear

S.N	Parameter	Technical Specification	Remarks
<b>Eye Protection</b>			
1	Dimension	Width: Minimum 200 mm	
		Lens Height: 85 mm to 100 mm	
2	Weight	120 gram to 140 gram	
3	Size	Adjustable strap to fit all sizes	
4	Colour	Frame: Black	
		Lens: (2 numbers) Clear and Smoke	
5	Protection	Must meet MIL-PRF-32432A requirements. Must protect from dust, flying debris, and ballistic hazards	
		Must provide 100% UV-A-B or better protection.	
6	Lens Coating	Must have Anti-fog coatings on the inside.	
		Maintains clarity in extreme conditions	
		Must have Anti-Scratch coatings on the outside	
		ANTI-FOG TEST: EN166, Clause 7.3.2; Eyewear must remain fog free for a minimum 8 seconds at 50°C	
7	Lens	For Clear Lens: Maximize light transmittance. Should be suitable to use indoors or at night.	
		For Smoke Lens : Reduce extreme glare and squinting. Should be suitable to use outdoors or in bright conditions.	
8	Accessories	Storage case required	
9	Standard	ISO/MIL-STD Equivalent	
10	Warranty	Minimum 1 year/provided by OEM whichever is greater	
<b>Ear Protection</b>			
1	Type	Electronic earmuffs	
2	Microphones	2 x high gain omnidirectional microphones	
3	Noise Reduction Rating (NRR)	Minimum 20 decibel	
4	Sound Activated Compression	Maximum 1 seconds reaction time	
5	Headband	Adjustable, padded stainless steel headband	
6	Ear cushion	Gel cushion	
7	Colour	Black	
8	Power	2 x AAA batteries (must be included)	
9	Standard	ISO/MIL-STD Equivalent	
10	Warranty	Minimum 1 year/provided by OEM whichever is greater	

### Specification of Knee Pad

S.N	Parameter	Technical Specification	Remarks
1	Features	Neoprene or better exterior shell with reinforced stitching throughout for improved durability	
		Form fitting style to enable silent movement during stealth situations	
		Trion-X or better non-slip reinforced grip technology to ensure traction in unstable terrain	
		minimum 10mm of shock absorbing polyurethane foam or better to provide great comfort	
		Adjustable elastic straps and Velcro closures to provide a secure fit	
2	Standard	ISO/MIL-STD Equivalent	
3	Warranty	Minimum 1 year/provided by OEM whichever is greater	

### Specification of Elbow Pad

S.N	Parameter	Technical Specification	Remarks
1	Features	Neoprene or better outer shell with reinforced stitching throughout for maximum durability	
		Form fitting design to allow silent use in stealth situations	
		Trion-X or better non-slip reinforced grip technology to provide traction in rugged terrain	
		minimum 10mm of shock absorbing polyurethane foam or better to ensure complete comfort	
		Adjustable elastic straps and Velcro closures to ensure a completely secure fit	
2	Standard	ISO/MIL-STD Equivalent	
3	Warranty	Minimum 1 year/provided by OEM whichever is greater	

### Specification of Assault Vest

S.N	Parameters	Technical Specifications	Remarks
1	Fabric	Material : Minimum 1000 Denier 100 % Nylon with PVC Coating at back	
2	GSM	490 ± 10	
3	Water Repellancy	4-5	
4	Colour fastness to rubbing	Dry : 4- 5 Wet : 3- 4	
5	Colour fastness on Light AFU 20 Hours	Dry : 5 Wet : 4	
6	Tensile strength	Length- Minimum 280 lbf	
		Width- Minimum 200 lbf	
7	Tear strength	Length-Minimum 60 lbf	
		Width-Minimum 40 lbf	



8	Mesh Fabric	Nylon, GSM :300 ± 10 Colour Fastness to rubbing : Dry ( 4-5) and Wet ( 3-4)	
9	Features	Side release buckles for rapid donning and doffing. Reinforced drag handle for operator evacuation if injured.	
10	Size	S, M, L, XL	
11	Magazine Pouch	Four pouches hold eight magazines total , with adjustable flaps cover with velcro , Elastic at the mouth of Magazine Pouch Size : (L=3.5", B=2.5", H=8") ± 5 % tolerance	
12	Ammunition pouch	At lower part of Back Panel with Flap cover and Velcro Size : 6" x 6 " x 4" ± 5 % tolerance	
13	Grenade pouch	Grenade pouch with flap cover attached to right which holds total of two grenades. Size : 8" x 4" x 4" ± 5 % tolerance	
14	Water Bottle	Netted pocket for holding water bottle at left side Diameter 4" and Length 8" ± 5 % tolerance ( Holding 1 Liter Bottle)	
15	First Aid	Pouch with adjustable flaps for first aid kit (L=5.5", B=4.5") ± 5 % tolerance	
16	Accessory Attachment	Shoulder D-rings for accessory	
17	Armour Plate Pocket	Two large Pockets on top part of both panel with Zipper (8.5" H x 10.5"W) ± 5 % tolerance	
18	Radio Pouch	Radio pouches with cover flap and wire routing at left part of Chest (L 6",B 3" and H 2.5" )± 5 % tolerance	
19	Color	Black/Green/ Camoflauge Pattern / Beige	
20	Grade	Military	
21	Warranty	Minimum 5 years/ provided by OEM whichever is greater	

### Specification of Mask

S.N	Parameter	Technical Specification	Remarks
1	Type	Balaclava	
2	Material	Nomex or better	
3	Colour	Olive Green/Black	
4	Features	Should protect head and neck from flash/flame	
5	Standard	ISO/MIL-STD Equivalent	
6	Warranty	Minimum 1 year/provided by OEM whichever is greater	

### Specification of gloves

S.N	Parameter	Technical Specification	Remarks
1	Type	Full Finger gloves	
2	Knuckle	Reinforce Molded	

3	Features	Double-Stitch Seams for Durability	
		PU Leather Palm , Fingertips Enhance Grip and should work flawlessly with Touchscreen.	
		Padded Mesh and Rubber Aero Vents on the back for faster heat dissipation.	
4	Closure	Velcro	
5	Standard	ISO/MIL-STD Equivalent	
6	Warranty	Minimum 1 year/provided by OEM whichever is greater	