

RESPIRATOR COMPATIBILITY EOD[®] 9, TAC 6, SRS 5



EOD/IEDD personnel facing threats from Chemical/Biological (CB) agents require a respirator with a Self-Contained Breathing Apparatus (SCBA), or other type of respirator, to be integrated with their bomb disposal helmet. The BA Visor used with the EOD 9 & EOD 9A Helmets, the CB Visor from the SRS 5 Helmet and the TAC-250-BA tactical helmet visor are designed to accommodate a wide range of SCBA facemasks. The chart below summarizes the compatibility in terms of protection and fit, between common respirators and Med-Eng's visors. The results shown are based on internal testing, many of which have been validated by third party research organizations.

Med-Eng EOD 9/9A, SRS 5 and TAC-250-BA Breathing Apparatus Fit Test Results and Summary Table

Company	Mask	Interface		
		EOD 9 BA Visor	SRS 5	TAC-250-BA
Avon Protection Systems	FM-53	Yes	Yes	Yes
	Viking Low Profile, Air Switch Regulator (Double Curve)	Yes	Yes	Yes
	Panorama CDR 4500	Yes	Yes	Yes
Draeger	DHR-7000	Yes	TBD	TBD
	First Responder Respirator (with Demand Valve)	Yes	Yes	Yes
Scott Safety Systems	Ultra Elite	Yes	Yes	Yes
MSA	Panther	No	No	No
Survivair	Spiromatic/Spirotek	No	No	No
Interspiro	Spiromatic/Spirotek	No	No	No
Air Purifying Respirators	Front Mounted Cannisters	No	No	No
	Conversion Kit Cannisters	Yes	Yes	Yes
	Side Mounted Cannisters	Yes	Yes	Yes
Powered Air Purifying Respirators (PAPR)	Most Models with side mounted connectors (left and/or right sides)	Yes	Yes	Yes

For optimal fit and protection:

- Consider optional net, or cap style head mounts for BA face masks. Using this option instead of standard rubber straps with buckle adjustments will help alleviate pressure points on the head, particularly while wearing the SRS 5 helmet.
- Consider Carbon Fibre, or Carbon Composite type air tanks. Most are noticeably lighter in weight than metal type tanks.
- When wearing a Breathing Apparatus, ensure that the air regulator hose is of sufficient length to go through the collar of the Suit. Ensure the face mask seal can not be compromised while technician completes required Render Safe Procedures (RSP's). Running the hose through the side VELCRO[®] closure of the Bomb Suit collar will ensure proper blast protection of the air supply.

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If you have a respirator that is not on this list, please contact your authorized Med-Eng representative.

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