

FILTER SELECTION MATRIX

FILTER ▶▶▶	CFPI00	CTCF50	CBRNCF50	CBRNCF50CE	MILCF50	GPCF50	FMGI	FM6IEU	CSCF50
External Approvals	NIOSH	NIOSH	NIOSH	CE / UKCA					
Classification	P100	CS/CN/P100	CBRN Cap1	A1B2E1K1P3	A2B2E2K1P3/ NBC/CBRN	Mil Spec	Mil Spec	Mil Spec/ A1B2E1K1P3	CS/CN/P100
Protection	Particulate	Riot Agents Odor Particulate	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate CBRN Agents NBC Agents ABEK Agents TICS	Riot Agents Odor Particulate
Weight (typical)	118 g	154 g	365 g	365 g	338 g	236 g	156 g	230g	80 g
Breathing Resistance (typical)	15 mm H ₂ O at 85 l/min	20 mm H ₂ O at 85 l/min	45 mm H ₂ O at 85 l/min	45 mm H ₂ O at 85 l/min	45 mm H ₂ O at 85 l/min	40 mm H ₂ O at 85 l/min	22 mm H ₂ O at 42.5 l/min	37 mm H ₂ O at 80 l/min	20 mm H ₂ O at 85 l/min
Packing	Poly Bag	Foil Bag	Induction Welded Package	Induction Welded Package	Induction Welded Package	Foil Bag	Induction Welded Package	Foil Bag	Poly Bag
Shelf Life (if left in packaging)	10 years	5.5 years	5.5 years	5.5 years	10 years	5 years	5 years	10 years	5 years
Filter Body Style	Conformal	Conformal	Convertible	Convertible**	Conformal	Conformal	Conformal*	Conformal*	Conformal
Filter Thread Type	40 mm	40 mm	40 mm	40 mm	40 mm	40 mm	Bayonet	Bayonet	40 mm

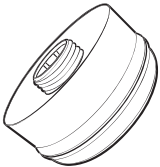
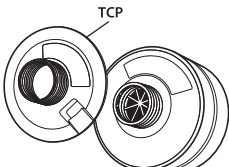
*This filter has a bayonet fit specific to the FM50 mask and must be used as a pair. ** Removing the TCP invalidates CE and UKCA Marking.

SUITABLE PROTECTION AGAINST:									
Ammonia			•	•	•	○	○	•	
Arsine			•	•	•	•	•	•	
Asbestos	•	•	•	•	•	•	•	•	•
Bacteria	•	•	•	•	•	•	•	•	•
Benzene			•	•	•	•	•	•	
Blister agent			•	•	•	•	•	•	
Blood agent			•	•	•	•	•	•	
Bromine			•	•	•	•	•	•	
Carbon Dioxide									
Carbon Disulphide			•	•	•	•	•	•	
Carbon Monoxide									
Carbon Tetrachloride			•	•	•	•	•	•	
Chlorine			•	•	•	•	•	•	
Chlorine Dioxide			•	•	•	•	•	•	
Chloroacetophenone (CN)		•	•	•	•	•	•	•	•
Chloropicrin			•	•	•	•	•	•	
o-Chlorobenzylidene Malononitrile (CS)		•	•	•	•	•	•	•	•
Cyanogen			•	•	•	•	•	•	
Cyanogen Chloride (CK)			•	•	•	•	•	•	
Cyclohexane			•	•	•	•	•	•	
Fluorine			•	•	•	•	•	•	
Fentanyl	•	•	•	•	•	•	•	•	•



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SUITABLE PROTECTION AGAINST:									
Formaldehyde			•	•	•	•	•	•	
Hydrogen Chloride			•	•	•	•	•	•	
Hydrogen Cyanide (AC)			•	•	•	•	•	•	
Hydrogen Fluoride			•	•	•	•	•	•	
Hydrogen Sulfide			•	•	•	•	•	•	
Lewisite			•	•	•	•	•	•	
Methylamine			•	•	•	○	○	•	
Methyl Bromide			•	•	•	•	•	•	
Methyl Iodide			•	•	•	•	•	•	
Mustard (HD)			•	•	•	•	•	•	
Nerve agent			•	•	•	•	•	•	
Nitrogen Dioxide			•	•	•	•	•	•	
Nuisance dusts	•	•	•	•	•	•	•	•	•
Nuisance odours		•	•	•	•	•	•	•	•
Oleoresin Capsicum (OC, pepper gas)		•	•	•	•	•	•	•	•
Organic vapours w/ boiling point >65°C			•	•	•	•	•	•	
Particulates	•	•	•	•	•	•	•	•	•
Phosgene			•	•	•	•	•	•	
Phosphine			•	•	•	•	•	•	
Radioactive particulates	•	•	•	•	•	•	•	•	•
Sarin (GB)			•	•	•	•	•	•	
Soman (GD)			•	•	•	•	•	•	
Sulphur Dioxide			•	•	•	•	•	•	
Tabun (GA)			•	•	•	•	•	•	
Toluene			•	•	•	•	•	•	
Virus	•	•	•	•	•	•	•	•	•
VX			•	•	•	•	•	•	
Xylene			•	•	•	•	•	•	

LEGEND			⚠ WARNINGS
Filter Body Style			<ul style="list-style-type: none"> ■ These filter recommendations are for guidance only. It is assumed that some filters are used only once and then replaced. ■ Respirator filters must be selected by a competent person following a suitable and sufficient risk assessment. ■ Filters must be used in accordance with appropriate guidelines, regulations or doctrine applied in line with the legislation of the country of application, inappropriate use could result in injury or death. ■ Filters must be stored in accordance with Avon's user instructions. ■ The incident commander must establish a filter change schedule based on a suitable and sufficient risk assessment. Failure to do so may result in filter breakthrough and consequent injury or death. Contact Avon for assistance. ■ Do not use filtering respirators in oxygen deficient atmospheres (<19.5%) or in poorly ventilated spaces. ■ Avon conformal filters for use on specific Avon masks only. Filters may not seal with other products leading to serious injury or death.
Conformal  40mm Stanag Thread	Convertible  40mm Stanag Thread	<ul style="list-style-type: none"> ● Filter Effective ○ Limited Effectiveness Contact Avon Protection for additional information	

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