

**M48 GAS-PARTICULATE FILTER - 100 CFM**



**SHALON**   
CHEMICAL INDUSTRIES LTD.

**THE HOME FOR HOMELAND SECURITY**

# M48 GAS-PARTICULATE FILTER - 100 CFM

The M48 Gas-Particulate Filter was designed by the U.S. Army as the NBC protective system of the Abrams A1M1 tank. It is a compact, lightweight, radial filter with a nominal flow of 100 CFM (2830 lt/min), constructed from aluminum alloy and coated with a special chemical resistant paint.

Each M48 filter is packed in a hermetically sealed metal can ensuring a shelf-life of at least 5 years.

The M48 filter is also suited for use in armoured cars, troop carriers, riot dispersal vehicles, and mobile shelters.

The production of the M48 filters is controlled by rigorous quality assurance tests and procedures complying with Mil-I-45208A. Each filter is tested for air flow resistance, aerosol penetration, R-12 freon leakage, workmanship and metal can leakage.

## Basic Data

Weight:	12.5 kg
Outer diameter:	300 mm
Overall length:	320 mm
Aerosol Penetration:	<0.01%
Nominal flow:	100 CFM (2830 lt/min)
Air flow resistance at nominal flow:	150 mm H <sub>2</sub> O gauge
DMMP Gas Life at nominal flow and inlet concentration of 5.0 mg/lt:	110 minutes
Charcoal:	ASC 12x30 complying with Mil-C-13724D
Filter medium:	Glass fiber HEPA media complying with ASME AG-1 section FC-1



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