

PRODUCT DATA SHEET

ISOSHIELD H14 GLOVEBOX/ISOLATOR INLET FILTER

APPLICATIONS

The ISOSHIELD Filter's unique design includes a Built-in Wash Cap and self-draining casing, specifically engineered to self-drain, and protect against water ingress and consequent fluid damage to the filter media during spray cleaning WIP (wash in place) or CIP (clean in place). This enhanced protection removes the need for additional wash covers, making clean-down simpler and more efficient.

The ISOSHIELD H14 inlet filter has been designed by UK experts to include an easy fit ergonomic & clean design crossbar handle, making installation & replacement a simple one-handed process through Isolator glove ports.

Built-in air distribution slots create a turbulent airflow ensuring clean air distribution throughout the glovebox/Isolator.

CONSTRUCTION

Operating at 40m³/hr + the ISOSHIELD H14 will retrofit similar existing filters directly and is manufactured with a 61.6mm diameter 2.5mm pitch thread and fitted with a white, food-grade, EPDM seal.

The integral mini-pleated pack provides consistent H14 protection as an inlet, intermediate or exhaust filter, even in glove breach conditions, thus ensuring the maximum operator protection.

TECHNICAL INFORMATION

Dimensions:	Height 199mm (7.83") x Diameter 160.16mm (6.30")
Thread	61.6mm diameter 2.5mm
Efficiency:	H14 EN1822 ≤99.995% MPPS
Rated Capacity:	40m ³ /hr 110 Pa
Initial Resistance at 40m ³ /hr:	120Pa (0.46" W.G.)
Filter Media:	Glass Fibre Paper H14 Filter Media
Separators:	Synthetic Polymer Hot Melt
Pleat Pack Joint Adhesive:	PVA Adhesive
Frame & Endcap:	ABS Plastic
Seal:	EPDM
Potting Adhesives:	Polyol/Polyisocyanate mixture
Label:	Polyester
Rated Capacity:	40m ³ /hr 110 Pa
Maximum airflow:	120m ³ /hr
Maximum Temp:	70°C Continuous



Supplied singly in individual protective cartons with individual test certificate