PRODUCT DATA SHEET

PUSH2 150 GLOVE BOX PUSH THROUGH HEPA FILTER

APPLICATIONS

Designed to ensure the safe operation of chemical, pharmaceutical, nuclear & biological isolators, Push2 Cylindrical glove box filter has been designed using the very latest materials to provide lower resistance, longer life and stability even at isolator breach pressures.

CONSTRUCTION

The Push2 150 contains no metal parts and is therefore totally incinerable for ease of disposal. This feature, combined with the continuous safety edges of the moulding also means the product is safe and simple to use. The modern ergonomic design makes handling simple, even when being manipulated with the thickest isolator gloves. Westbury's integrated moulded continuous gasket ensures a perfect air seal every time.

The product's increased media surface area ensures the lowest possible pressure whilst operating at full capacity. This in turn results in lower energy demand in operation. The standard operational flow rate of 40m³/hr (23.5 CFM) runs at only 110Pa (0.44" W.G.) and has been tested to 120m³/hr (70.6 CFM) – simulating a typical isolator glove breach.

Every Westbury Push2 150 filter is individually tested, and the product supplied with its own individual test certificate, serial number and production date for full traceability.

TECHNICAL INFORMATION

Dimensions:	148mm (5.8") Diameter x 172mm (6.8") Long
Efficiency:	H14 to EN1822 - Individually tested.
Rated Capacity:	≤100m³/hr
Initial Resistance at 40m3/hr:	110Pa (0.44" W.G.)
Integrity retained at:	120m³/hr (70.6 CFM)
Burst Pressure exceeds:	1000Pa
Filter Media:	Glass Fibre Paper H14 Filter Media
Separators:	Synthetic Polymer Hot Melt
Pleat Pack Joint Adhesive:	PVA Adhesive
Plastic Mesh:	Extruded Polypropylene
Frame & Endcap:	ABS Plastic
Seal:	TPE Plastic
Potting Adhesives:	Polyol/Polyisocyanate mixture
Label:	Polyester

INSTALLATION INSTRUCTIONS

It is recommended that a fine smear of food grade silicone grease is applied to the gasket prior to insertion of the filter.

Revision 1

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