

## **Filter Media – Synthetic Fibre Media** **Grades G3 to M5 to EN779:2012**

### **Applications**

The use of Synthetic Air Filter Media Cut Pads within the pad frame system are ideal for those specialised applications where a high level of filtration are required for low air flow applications.

The replacement Synthetic Air Filter Media Pads are often used in spray booths, air handling units, and electronic cabinets.



### **Description**

Air Filter Media is manufactured from synthetic fibres which, when laid, produce a range of multi-directional fibrous "fabrics" of differing weights and thicknesses.

Synthetic Air Filter Medias are available to meet a wide range of filter requirements from coarse to fine, some products being able to withstand a light cleaning operation, others being disposable.

Airclean are able to supply Air Filter Medias as Cut Pads or Full Rolls, depending on your application or site requirements.



### **Technical**

Various Thicknesses Filter Medias Available : 6mm, 12mm, 25mm, and 50mm

Air Filter Grades Available to EN779: G2, G3, G4, M5

Flame Retardant to DIN53438 classes F1 & K1

Max Operating Temperature : 100 Degrees Centigrade

### **RESISTANCE TO AIRFLOW**

Type	Velocity		Pressure Drop	
	m/s	ft/min	Pa	"wg
A70	1.5	300	12	0.5
A15/150	1.5	300	20	0.1
A15/350	1.5	300	75	0.30
A15/500	1.5	300	75	0.30
A290	1.5	300	45	0.18
A560G	0.6	120	40	0.16
A1B	1.5	300	45	0.18
A2B	1.5	300	50	0.20

## SYNTHETIC AIR FILTER MEDIAS

Synthetic Media Type	Grade	Sheet / Roll Dimensions			Roll	Cut Pad Sq m
		L	W	D	Part No.	Part No.
Synthetic Media Grade A70	G2/3	40m	2m	6mm	1720170	1720171
Synthetic Media Grade A1B	G4	20m	2m	25mm	1720101	1720102
Synthetic Media Grade A15/150	G3	20m	2m	6-9mm	1720150	1720151
Synthetic Media Grade A2B	G4	10m	2m	50mm	1720201	1720202
Synthetic Media Grade A290	G4	20m	2m	20mm	1720290	1720291
Synthetic Media Grade A15/350	G4	20m	2m	15mm	1720350	1720351
Synthetic Media Grade A15/500 +	M5	20m	2m	16mm	1720500	1720501
Synthetic Media Grade A560G++	M5	20m	1m	15mm	1720560	1720561
Carbon Impregnated Media	G3	20m	2m	3mm	1720600	1720601
Cooker Hood - Grease Removal A15/150		2m	570mm	6mm	1725101	NA
Cooker Hood – Grease/Odour removal IPCM		2m	570mm	3mm	1725102	NA
Cooker Hood - Washable Media Poly U		2m	470mm	6mm	1725103	NA

+ - Spray Booth Supply Filter – No Scrim

++ - Spray Booth Ceiling Supply Filter with Rubber Backing

### **Holding Frames - Pad Holding Frames**

The Pad Holding Frame system offers a means of securing a filter media pad securely into a ventilation or air movement system. This re-useable fully galvanized steel frame can offer a cheaper option for filter replacement over typical cardboard framed panel filters. For further details please see data sheet Section 1 (AC1.4)

