

LONGAR® Type 17 Filtration Medias



LONGAR® TYPE 17 FEATURES:

- Available in roll format, normally ex stock.
- Cut to size blanks where required, fast turnaround.
- Synthetic medias, foams and glass fibre media available ex stock
- Media efficiencies from G2 to F5.
- Holding frames available to suit variety of applications.

APPLICATIONS

- Automotive industry
- General manufacturing plants
- Air conditioning plant
- Air handling units
- Manufacturing plants for furniture, windows, machines, etc.

LONGAR® TYPE 17 FILTRATION MEDIAS

Our vast range of filtration medias are available in roll or cut to size pads, these can then be placed in frames or cut to customer specification. The medias are manufactured to meet a range of efficiencies from G2 to F5 meeting EN779. The medias have been developed and chosen over 40 years of continuous R&D, to meet HVAC requirements in mechanical and process applications. We have a number of other medias not detailed on this data sheet, please enquire for any bespoke requirements.

SYNTHETIC MEDIA CONSTRUCTION / MATERIAL SPECIFICATIONS

Developed predominately for HVAC air filtration situations, synthetic media consists of polyester fibres which are thermally bonded for optimum filtration and to avoid fibre shedding. We offer a number of size rolls with different thicknesses to suit.

GLASS FIBRE MEDIA CONSTRUCTION / MATERIAL SPECIFICATIONS

Manufactured as a continuous glass filament, developed to provide a stable filter media with a G3 filtration rating. Multi stage filtration capabilities with an open structure on the upstream face, graduated density to an integral laminate backing on the downstream side.

The open structure of the upstream face discourages surface loading and promotes deep filtration, ensures a high dust holding capacity whilst minimising resistance to airflow. Dense backing provides fine filtration, minimises the carry-over of media fibres and collected dirt. Glass media will not absorb moisture, has excellent water stripping properties, and is not conducive to supporting mould or growths.

RETICULATED FOAM CONSTRUCTION / MATERIAL SPECIFICATIONS

Reticulated foam, also known as skeletal foam or filter foam is used in a wide variety of applications. It is light weight foam with completely open cells. Each cell has a dodecahedron (12 sided) shape. The foam is 97% void making its skeletal structure ideal for trapping dust and particles.

Polyester foam has a range of cell sizes available. This feature is denominated with the letters PPI. This means pores per inch. The cell sizes vary from 4ppi (very coarse) to 110ppi (very fine). Typical increments in pore size are 10ppi, 20ppi, 45ppi, 60ppi, 80ppi.

Reticulated polyester foam is also available in flame retardant (FR) grade. The FR standard is driven by certain industry sectors and conform to the automotive standard FMVSS302. Certain other standards have been developed around the medical sector and the electronics sector.

Polyester grades typically will be charcoal grey/black.

LONGAR® Type I7

Filtration Medias

FITING INSTRUCTIONS

- Fit products, observe direction of airflow indicator

HANDLING

- Handle with care when unpacking.
- Store in dry and frost protected place.

MAINTENANCE

- All maintenance and replacement schedules will be set by the original equipment installer. Please refer to this for more information.
- When handling any components suitable PPE should be used – gloves, eye protection and access equipment should be used where required.
- Filters should not be cleaned but replaced when required in accordance with maintenance schedule set by the installation contractor.

PACKAGING

All units are packaged either in plastic polyurethane bags or in double wall boxes, glued closed for protection whilst in transit against contamination.



LONGAR INDUSTRIES

FILTERS AND FABRICATIONS FOR A CLEANER ENVIRONMENT