

- Come in a wide range of sizes.
- Can be pre-cut to size to suit particular applications and needs.
- High dust holding capacity.
- Strong, long-lasting, resilient coarse fibers.

**Camfil CS 5 media**

Low resistance, economical synthetic media filter:

- Dry synthetic, white
- 1" nominal thickness

**Synthetic Media General Information**

Camfil synthetic medias offer economical filtration for applications requiring thicknesses of 1 or 2 inches. Synthetic medias are available in various MERV ratings when evaluated per ASHRAE 52.2. Synthetic filters remove nuisance dust, lint, and airborne contaminants associated with straining and are primarily designed to protect equipment and act as prefilters. Synthetic medias utilize progressive density construction to increase the total dust holding capacity and are available in cut pads and bulk rolls. Synthetic media pads are available in dry (non-tackified), tackified, and dry-tack formats.

**Shield HVAC**

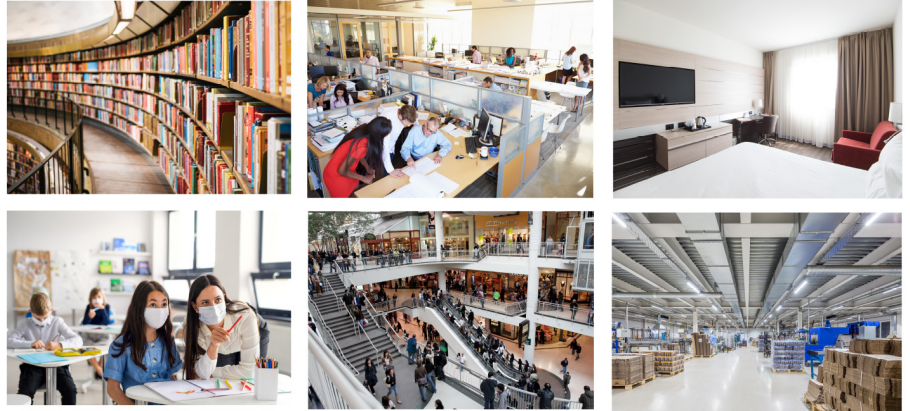
Camfil synthetic medias are employed in commercial HVAC systems and can be used as prefilters in air handling units (AHUs) and in similar applications. Our media pads and rolls provide high dust arrestance and holding capacity, without shedding fibers into the airstream.

**Prolong Final Filter Life**

Synthetic medias reduce filter changeouts and operating costs by protecting high efficiency final filters. Camfil medias trap larger particles upfront to bolster capturing capabilities of final filters, thus extending filter life. Complex Fibre Structure Expands Filter Surface Area Camfil medias are made into a pad or roll with a sizeable fiber surface area and a multitude of assorted fiber threads. The complex composition of the fibers catch more dirt and decreases resistance.

### Applications

- Commercial HVAC systems
- Unit ventilators
- Packaged air conditioning units
- Fan coil units



### Performance & Dimensional Data

Pads			Rolls		
Part #	Standard Sizes	Pressure Drop @ 300/500 FPM	Part #	Standard Sizes	Pressure Drop @ 300/500 FPM
11983-001 11983-002 11983-003 11983-004 11983-005 11983-006	12 x 24 16 x 20 16 x 25 20 x 20 20 x 25 24 x 24	.05/.15 in w.g.	357268-1088 357268-1002 357268-1098 357268-1007	16" x 30' 20" x 30' 24" x 30' 25" x 30'	.05/.15 in w.g.
<b>*Notes</b> - Additional sizes available upon request			<b>*Notes</b> - Maximum width 90", Maximum length 135' - Additional lengths available upon request (25', 50', 90', 135' standard)		
Panel (PS4D)			Cubes		
Part #	Standard Sizes	Pressure Drop @ 300/500 FPM	Part #	Standard Sizes	Pressure Drop @ 300/500 FPM
11986-101CO 11986-102CO 11986-103CO 11986-104CO 11986-105CO 11986-106CO	12 x 24 16 x 20 16 x 25 20 x 20 20 x 25 24 x 24	.05/.15 in w.g.	Not available		
<b>*Notes</b> - Additional sizes available upon request					

### Pad Holding Frames

We also supply pad holding frames (PHF) to support our synthetic/fiberglass medias:

#### Long Service Life

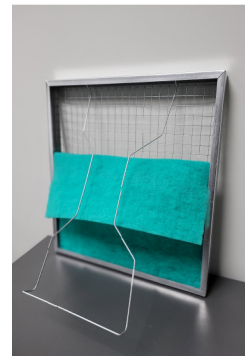
- Rugged construction assures long service life with no maintenance
- No stress points to break or fracture
- U-channel design for perimeter frame

#### Built-in Safety

- No sharp edges to injure maintenance personnel
- Air entering grid is designed to guard against accidental puncturing

#### Easy Installation – No Bypass

- U-channel style frame holds the pad securely in place
- The easy open hourglass gate on the air entering side prevents sagging when fan is off



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