

## Polipleet Media



- ❖ **Strong continuous fibers**
- ❖ **Small fiber size**
- ❖ **Burst strength similar to felt**
- ❖ **Dense, thick mat**
- ❖ **Small pore size**
- ❖ **Strength in all directions**
- ❖ **Thermally stable**
- ❖ **Same permeability as needed felt**

Polipleet media provides more efficient fine-particulate filtration than conventional felted media. Superior efficiency results in lower emissions and improves environmental quality indoors and outdoors. Filter elements are compact, saving valuable production space.

Most existing Mac Process fabric collector housings can be retrofitted to increase production capacity and to reduce emissions. New installations benefit from smaller housing sizes.

Polipleet Media is 100% polyester spun bound. It is created by having two different polyester resins continuously sprayed through miniature nozzles onto a moving web. One of the resins has a slightly lower melting point. The mat is drawn through heated rollers that compact and fuse the fibers together, forming surface patterns into both sides of the media.

## Specifications

Effective filtration area is maintained because of the generous pleat spacing and shallow pleat depth. Polipleet filter elements are 6" in diameter, have less than 3.2 pleats per inch of circumference, with a pleat depth of only 1 3/16". Stainless steel and galvanized gas contact versions are available.

Filters suitable for disposal by incineration are available with no metal parts. Grounded filter surface, water and oil repellent treatment, grounding straps, PTFE treatment and PTFE laminated membranes are also offered.

Sizing Diameter (in/mm)	Lengths (in/mm)	Filter Area (ft <sup>2</sup> /m <sup>2</sup> )
6/150	18.0/458	18.0/1.67
6/150	19.7/500	19.7/1.83
6/150	32.0/813	32.0/2.97
6/150	39.4/1000	39.4/3.66
6/150	55.1/1400	55.1/5.12

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