

Dust collector cartridges



Filterfit supplies a range of standard replacement dust collector elements to suit most leading brands. We can also design an element to retrofit existing systems.

Common problems such as temperature, chemical attack, submicron dust, sticky or oily deposits can all be handled utilising a broad range of media and design methods.

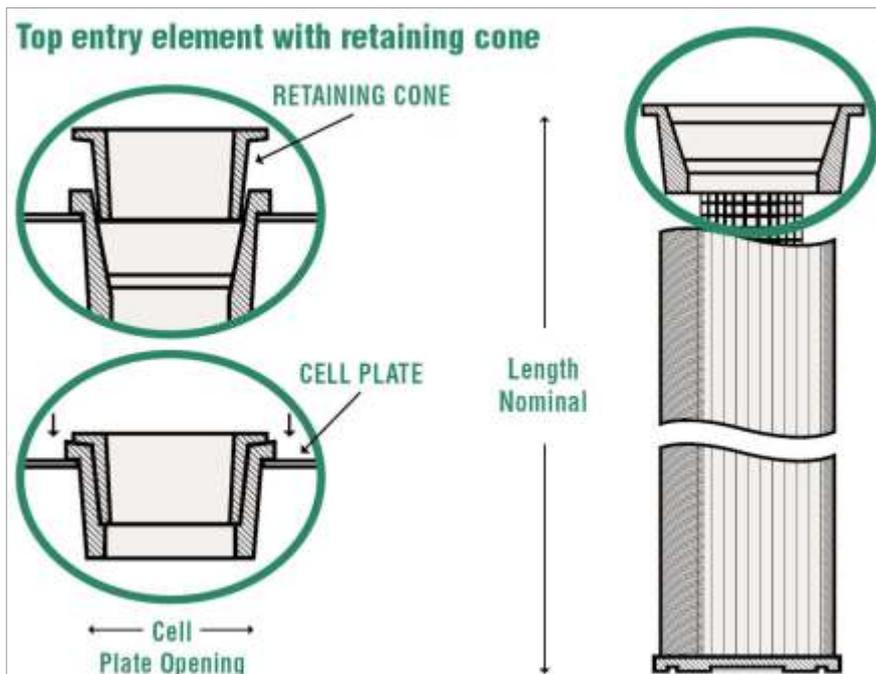
Pleated bag cartridges:

The cloth area of a dust collector can be increased up to three times simply by changing from bag style filters to pleated bag cartridges. Pleated bag cartridges can be designed to retrofit most common brands of dust collector.

The retrofit bag cartridge can be manufactured to suit most cell plate openings and will replace both the filter sock and cage with a single pleated cartridge.

The cartridge is simply snapped into the cell plate opening and held in place with a tapered metal collar (as shown in diagram below).

This retrofit increases surface area and reduces pressure-drop allowing an inexpensive upgrade of an existing dust collector, which in some instances, allows it to cope with extra production.



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Pleated bag cartridges can be manufactured to suit cell plate openings of:

125mm 130mm
135mm 154mm
155mm 156mm
158mm 160mm
162mm

up to 2 metres in a single length in most cases with longer lengths requiring a threaded join.

Urethane ends can be manufactured using food grade urethane if required.

The standard pleat depth is 15mm, standard number of pleats per cartridge is 52, however differing pleat amounts are available if required.

Advantages of a collector fitted with pleated bag cartridges are:

- ➔ Increases surface area
- ➔ Reduces emissions to comply with E.P.A. requirements
- ➔ Increases the service life of filters
- ➔ Reduces the pressure drop in the collector giving greater throughput
- ➔ Reduces downtime due to more time-efficient filter changes

The standard filter cartridge is suitable in temperatures up to 80°C.

For higher temperatures, please specify to enable correct selection.

