

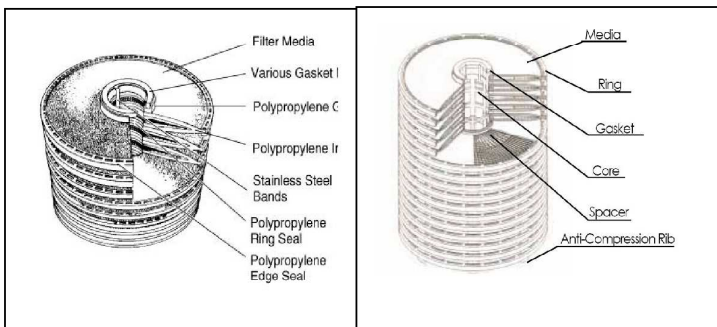


# Carl Stuart Limited

ADVANCED APPLIED TECHNOLOGIES

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Feature	Strapped Construction	Polypropylene Core
<b>Construction</b>	Filter media, polypropylene, stainless steel straps, gasket	Filter media, polypropylene, gasket
<b>Cartridge rigidity</b>	Relatively poor	Very rigid
<b>Pre- tensioning in housing for use</b>	Required – see instruction on number of turns to seal the filter	Simple, cartridge is sealed once the nut contacts the seal. (applies to existing housing only, Ertel Alsop offer plug-in design which is much easier / secure to use.
<b>Shrinkage in use?</b>	Yes – hence the pre-tensioning requirement. More pronounced for 2 or more filters	<b>NO</b> – very rigid
<b>Ease of removal at end of cycle</b>	Used filter(s) tend to be floppy as the cartridge shrinks and the SS straps distort and loosen	Easy to remove – just lift off
<b>Ease of disposal</b>	SS straps usually need to be separated from the filter before incineration. This requires tools and 3 straps per filter need to be removed and separated. This increases manual handling and may involve extra hidden cost if the product on the filter is an active (special handling conditions).	Easy to dispose of the whole filter as is.  Easy and lower cost of disposal.
<b>Cost of filter</b>	Standard	Same cost for Ertel Polypro core