

Sealing Options

Filter housings are mostly fitted with Viton o-ring style seals as standard. We have a number of sealing options that can be specified and the housings delivered with the seals installed.

For alternative seals, a suffix is added to the filter housing part number, for example if you require a SS127.221 filter housing with an EPDM seal add .E to give SS127.221.E - if a standard seal is required do not add the suffix

Refer to the filter housing data sheets for information about the seals types available for each housing.

Please consult us for any special requirements.



Types of Seals

Suffix	Name	Type	Temp. Range
.V	Viton	Fluorocarbon	- 30°C to +200 °C
.C	Chemraz	Perfluorelastomer	- 18°C to +324°C
.T	PTFE	FEP Encapsulated ⁽¹⁾	- 60°C to +200 °C
.T	PTFE	Solid PTFE ⁽¹⁾	- 260°C to +200 °C
.K	Kalrez	Perfluorelastomer	- 50°C to +316°C
.S	Silicone	Silicone	- 60°C to +230°C
.R	Neoprene	Chloroprene-Neoprene	- 45°C to +100°C
.E	EPDM	Ethylene-propylene	- 55°C to +150°C
.N	Nitrile	Buna N-Nitrile	- 35°C to +110°C

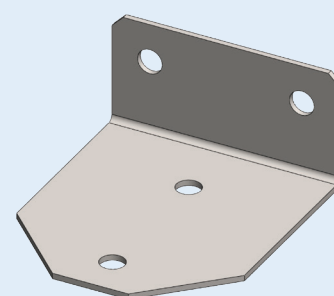
(1) Please note that some housing designs can only use the FEP encapsulated seals

Mounting Brackets

Mounting brackets can be supplied for all filter housings making the installation process quicker and easier. All our mounting brackets are supplied with screws and washers to join them to the housing so only fixings for the panel or wall are required.

Use of a mounting bracket will avoid excessive loads on the fittings and piping.

All mounting brackets are constructed in stainless steel giving superior corrosion resistance in wet areas.



Support Cores

When using disposable filter elements in a liquid application, a support core should be used to increase the strength of the filter elements.

Plastic and aluminium housings have a built in support, but stainless steel housings will need to use the optional extra support.

The SC series support cores are constructed from 316L stainless steel.





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