

## Replacement Elements - 45M Series

Part #: 938968Q



The 45M-Series elements are available as Ecoglass version without inner core and as conventional Microglass version. These elements have a Multi-layered design with the latest in filter media technology for high capacity and efficiency.

[View Series Page](#) [Share / Email](#) [Print](#)

### Technical Specifications

Filter Element:	02Q Microglass	Product Type:	Filter Element
Brand:	Parker	Seal Material:	Nitrile
Vessel Size:	Length 3	Options:	Standard
Division:	Hydraulic & Industrial Process Filtration Division EMEA	Product Series:	45M
Micron Rating:	2 µm	Filter Material:	Microglass III Ecoglass III
Industry:	Industrial Manufacturing Equipment Off-Road Machinery	For Fluid Type:	Mineral and vegetable oils and some synthetic oils
Length:	329 mm	Operating Pressure:	Up to 40 bar
Application:	Hydraulic Filtration	Operating Temperature:	-40 to +100 °C
Diameter:	80 mm	Maximum Pressure	
Technology:	Filtration, Hydraulics	Differential:	20 bar (ISO 2941)
		Maximum Flow Rate:	260 L/min

[Safety Warning](#)

### Item Information

Items marked with an asterisk \* in the drop-down menus are standard choices.

The 45M Series utilises a cast iron head and steel bowl design and can be specified with Microglass or Ecoglass filter media. Filter bowl is designed for rapid element replacement.

45M series filters can be offered with two types of element:

- The conventional element, making use of the Microglass media and in some sizes also available with ParGel Water Removal media.
- The Ecoglass element, an environmentally friendly design without metal content. This Eco element is fitted on a re-usable metal inner core. Having no metal content in the element reduces the overall weight with 50% and makes it possible to dispose of the used element in an environmentally friendly way by incineration, also lowering disposal costs.

Using genuine Parker replacement elements guarantees Parker's quality of filtration. Using after market filters with unknown media quality may save initial cost, but can increase overall costs by requiring more element change outs and potentially causing system downtime. Protect your investment by always buying genuine Parker replacement elements.

---

## CAD Drawings + Files



---

## Related Documents



**Parker Sales Company UK**

[psc.uk.webform@support.parker.com](mailto:psc.uk.webform@support.parker.com)  
[+44 \(0\)1926 317878](tel:+441926317878)

---

+ Company Information

---

+ Global Operations

---

+ Help & Support

---

+ Follow Us :

---

© PARKER HANNIFIN CORP 2023

**ENGINEERING YOUR SUCCESS.**

[SITE MAP](#) [SAFETY](#) [PRIVACY POLICIES](#) [TERMS AND CONDITIONS](#)

