

Parker Product Datasheet



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.

PART NUMBER: 938970Q
LENGTH: 329 mm
SEAL MATERIAL: Nitrile
DIAMETER: 80 mm
MICRON RATING: 10 µm
OPTIONS: Standard
VESSEL SIZE: Length 3
FILTER ELEMENT: 10Q Microglass *

PRODUCT OVERVIEW

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 a 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.

TECH SPECIFICATIONS

DIVISION	Hydraulic & Industrial Process Filtration Division EMEA
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FOR FLUID TYPE	Mineral and vegetable oils and some synthetic oils
INDUSTRY	Industrial Manufacturing Equipment Off-Road Machinery
APPLICATION	Hydraulic Filtration
BRAND	Parker
TECHNOLOGY	Hydraulics
TECHNOLOGY	Filtration
PRODUCT SERIES	45M
PRODUCT TYPE	Filter Element
OPERATING PRESSURE	up to 40 bar
OPERATING TEMPERATURE	-40 to 100 °C
MAXIMUM FLOW RATE	260 L/min
FILTER MATERIAL	Microglass III Ecoglass III
MAXIMUM PRESSURE DIFFERENTIAL	20 bar (ISO 2941)