

# Triple R Filter Elements



## *The original and still the best.*

Triple R's continuous investment in research and development delivers the highest standard of efficiency in oil filtration. Protecting your investments while boosting productivity.

Our filter elements are designed to *cleanse* industrial oils, removing everything from **solid particles** to **water** to **sludge, varnish and oxidation residues**. All within a single element - a *Triple R* unique, unmatched by any filter manufacturer worldwide.

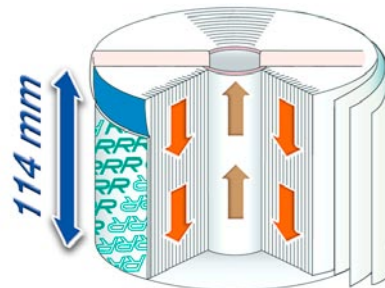
## *A wide range to fit every application.*

All *Triple R* filter elements are Multipass-tested and guarantee consistent and reproducible micron ratings and filtration efficiency.

The filter element range comes in 4 sizes (30, 50, 100 and 300 size), in various filter materials from cellulose to polyester to PP, and in 2 different setups (standard setup or 'double stage' D-series setup).

## *The Triple R 3-stage filtration concept.*





- The axial flow creates a **114 mm** thick filter buildup.
- The combination of Triple R's special cellulose material and the thickness of the element allows absorbing of water and sludge.
- The lower part is compressed by a carton box, creating an even finer filter medium.



1. Big particles stay on top of the element.
2. Smaller particles are captured in the upper non-compressed part.
3. The smallest particles are captured in the lower compressed part.

# FILTER ELEMENTS

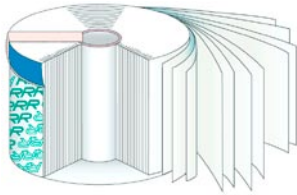
## M-SERIES - 2 $\mu$ absolute - $\beta_2 > 200$

Model	M30	M50	M100-H114	M300-H114
Article nr.	TR-20230	TR-20330	TR-20430	TR-20520
Dimensions	Ø104 x H114	Ø143 x H114	Ø179 x H114	Ø303 x H114
Triple R Filter system	BU30E SE30-YT	BU50E SE50-YT	BU100/200/300E SE100 up to SE600 AL100, OSCA AL-series SU/SS102, SU/SS103	SS305
Element height 114 mm				

### Features:

- High performance filter element.
- Meant for hydraulic oil and for systems requiring best possible particle filtration.
- Cleanliness level: NAS 6 - ISO 16/14/12 or better.

Element setup:



### M100-H80

TR-20560

Ø179 x H80

SS104



### M300-H80





TR-20530

Ø303 x H80

SS306



## E-SERIES - 3 $\mu$ absolute - $\beta_3 > 75$

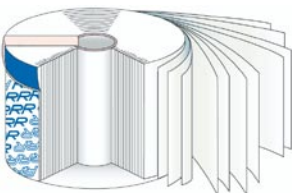
Model	E30	E50	E100-H114	E300-H114
Article nr.	TR-20270	TR-20370	TR-20470	TR-20510
Dimensions	Ø104 x H114	Ø143 x H114	Ø179 x H114	Ø303 x H114
Triple R Filter system	BU30E SE30-YT	BU50E SE50-YT	BU100/200/300E SE100 up to SE600 AL100, OSCA AL-series SU/SS102, SU/SS103	SS305
Element height 114 mm				

### Features:

Filter element for:

- Engine oil.
- Lube oil.
- First stage filtration for hydraulic oil with a high dirt load.

Element setup:



### E100-H80

TR-20570

Ø179 x H80

SS104



### E300-H80

TR-20540





Ø303 x H80

SS306



# FILTER ELEMENTS

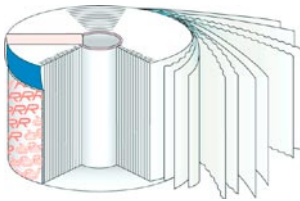
## X-SERIES - 5 $\mu$ absolute - $\beta_5 >75$



Model	X30	X50	X100-H114	X300-H114
Article nr.	TR-25250	TR-25350	TR-25450	TR-20512
Dimensions	Ø104 x H114	Ø143 x H114	Ø179 x H114	Ø303 x H114
Triple R Filter system	BU30E SE30-YT	BU50E SE50-YT	BU100/200/300E SE100 up to SE600 AL100, OSCA AL-series SU/SS102, SU/SS103	SS305
Element height 114 mm				

### Features:

- Long life filter element for engine oil.
- Special cellulose filter medium that allows higher dirt absorbing.
- Perfect for high viscosity oil (220 - 320 - 460 cSt oil).

Element setup:



Model	X100-H80	X300-H80
Article nr.	TR-20580	TR-20550
Dimensions	Ø179 x H80	Ø303 x H80
Triple R Filter system	SS104	SS306
Element height 80 mm		

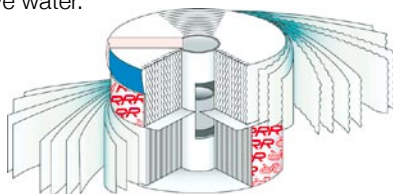
## D-series - $\beta_2 >75$

## WG-series

Model	D100	D300	WG100	DWG100
Article nr.	TR-20000	TR-20515	TR-25470	TR-25480
Dimensions	Ø179 x H114	Ø303 x H114	Ø179 x H114	Ø179 x H114
Triple R Filter system	BU100/200/300E SE100 up to SE600 AL100, OSCA AL-series SU/SS102, SU/SS103	SS305	BU100/200/300EW SE100WG up to SE600WG AL100WG, OSCA AL-WGseries SU102, SU103	
Element height 114 mm				

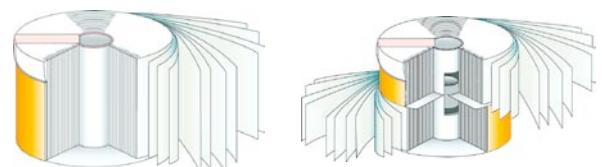
### Features:

- 2 $\mu$  absolute filter elements.
- 2 stage build, with M-filter medium at the upper part and X-filter medium at the lower part. Separated by a non-woven disc, to protect the lower part in case of excessive water.



### Features:




- 10 $\mu$  and 5 $\mu$  filter elements for **water glycol** fluids (WG).
- The DWG100 has a 2 stage build separated by a non-woven disc, for additional particle removal.



# FILTER ELEMENTS

	WE-100	WS-series		OS10
Model	WE100	WS10	WS20	OS10
Article nr.	TR-20450	TR-20101 - TR-20125	TR-20201 - TR-20225	TR-26500
Dimensions	Ø179 x H114	Ø68 x H250	Ø68 x H500	Ø70 x H250
Triple R Filter system	WD10, WS-WD	3WS20, 6WS20		OS-systems
Filter element				
Features	<p><b>WATER ABSORBER.</b> Absorbs 900 ml water.</p> 	<p><b>WATER SEPARATOR.</b></p> <ul style="list-style-type: none"> <li>- 1µ for oil &lt; 46 cSt.</li> <li>- 15µ for oil &gt; 40 cSt</li> <li>- Separates water from oil, based on the coalescence principle.</li> </ul> 		<p><b>OIL SEPARATOR</b></p> <ul style="list-style-type: none"> <li>- 1µ filter element.</li> <li>- separates oil from water, based on the coalescence principle.</li> </ul> 

## Suction pre-filters

Model	SE-series	OSCA-series	LL-series
Article nr.	TR-21461	TR-21200	TR-21000
Dimensions	Ø35 x H50	Ø112 x H151	Ø150 x H250
Triple R Filter system	SE-series	OSCA-series	LL-housing - OSCA-systems
Filter element			
Metal mesh suction filter elements, washable - 80/100µ			

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