

# Triple R Filter Elements



## 3-in-1 absolute Oil Cleaning.

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 **1 solid particles** to **2 water** to **3 sludge, varnish and oxidation residues**. **3-in-1**, a Triple R unique, unmatched by any filter manufacturer worldwide.

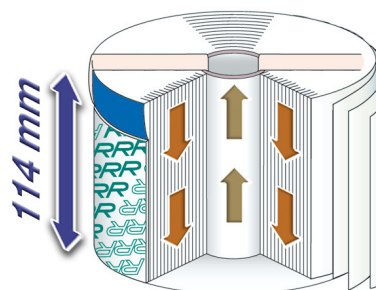
## A wide range to fit every application.

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

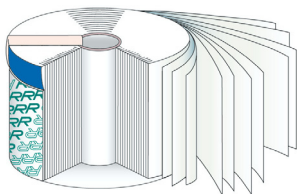
## M-SERIES - 2μ absolute - $\beta_2 > 200$

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	TR-20530
Ø179 x H80	Ø303 x H80
SS104	SS306
	

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

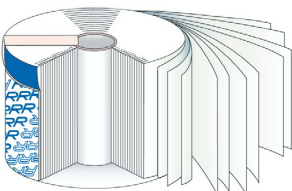
Model	E30	E50	E100-H114	E300-H114
Article nr.	TR-20270	TR-20370	TR-20470	TR-20510
Dimensions	Ø104 x H114	Ø143 x H114	Ø179 x H114	Ø303 x H114
Triple R Filter system	BU30E SE30-YT	BU50E SE50-YT	BU100/200/300E SE100 up to SE600 AL100, OSCA AL-series SU/SS102, SU/SS103	SS305
Element height 114 mm				

### 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	TR-20540
Ø179 x H80	Ø303 x H80
SS104	SS306
	

# FILTER ELEMENTS

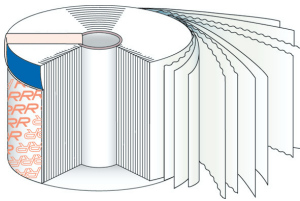
## X-SERIES - 5μ absolute - $\beta_5 > 75$

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:



### X100-H80

### X300-H80

TR-20580

TR-20550

Ø179 x H80

Ø303 x H80

SS104

SS306



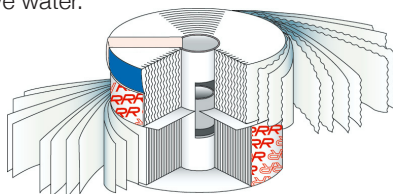
## D-series - $\beta_2 > 75$

## 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				

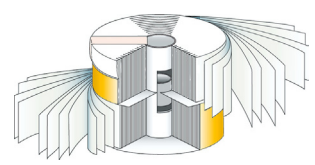
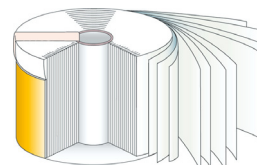
### Features:

- 2μ 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:

- 10μ and 5μ 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	<b>WATER ABSORBER.</b> Absorbs 900 ml water. 	<b>WATER SEPARATOR.</b> - 1µ for oil < 46 cSt. - 15µ for oil > 40 cSt - Separates water from oil, based on the coalescence principle. 		<b>OIL SEPARATOR</b> - 1µ filter element. - separates oil from water, based on the coalescence principle. 

## 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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