



# CJC™ Off-line Fine Filter Insert B 27/27

## APPLICATION

The type B filter insert is manufactured specially for CJC™ Fine Filter units employed in the filtration of mineral and synthetic oil based

Motor lubricating oils  
Hydraulic oils  
Turbine lubricating oils  
Gear oils  
Honing oils  
Rolling oils.

## FILTRATION CAPABILITY

All CJC™ Filter Inserts have a filtration degree of 3 µm (micron) absolute (equiv. to 0.8 µm nominal) i.e. 98.7 % of all solid particles >3 µm and approx. 50 % of all particles >0.8 µm are retained in each pass.

The dirt holding capacity of a B 27/27 insert is 4.0 litres of evenly distributed solids.

The water absorption potential is up to 50% (i.e. 2,000 mL H<sub>2</sub>O) of the total contaminant holding capacity.

## DIMENSIONS

The figures below are nominal.

Diameter: 27 cm  
Height: 27 cm  
Weight: 4 kg

## COMPONENTS

CJC™ B Fine Filter Inserts consist of bonded discs made from:

Wood cellulose  
Cotton linters  
Polyamin  
Foammaster  
Urethan glue



The anticipated increase in differential pressure ( $\Delta P$ ), measured in **bar**, across one new B 27/27 filter insert is:

FLOW	VISCOSITY				
	100 cSt	200 cSt	300 cSt	400 cSt	500 cSt
200 L/h	0,15	0,30	0,48	0,64	0,80
400 L/h	0,30	0,65	0,96	1,28	1,60
600 L/h	0,50	0,95	1,44	1,92	2,40
800 L/h	0,65	1,30	1,92	2,56	3,20

To calculate the total increase in differential pressure, divide the viscosity with the number of filter inserts in a filter housing.



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