



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

## APPLICATION

The A filter insert is ideal for the fine filtration of mineral based

Engine lube oils  
Hydraulic oils  
Gear oils  
Honing oils  
Quenching 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 an A 27/27 insert is 2.5 litres of evenly distributed solids.

The water absorption potential is up to 50% (i.e. 1,250 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: 5 kg

## COMPONENTS

CJC™ type A Fine Filter Inserts consists of bonded discs made from:

Wood cellulose  
Polyamin  
Antifoam  
Cellulose glue



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

FLOW	VISCOSITY				
	10 cSt	26 cSt	50 cSt	100 cSt	150 cSt
60 L/h	0,02	0,08	0,17	0,25	0,8
90 L/h	0,05	0,1	0,3	0,4	1
120 L/h	0,05	0,15	0,48	0,75	1,4
200 L/h	0,05	0,34	0,76	1,3	N/A

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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