



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 H₂O) 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 (ΔP), 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.

