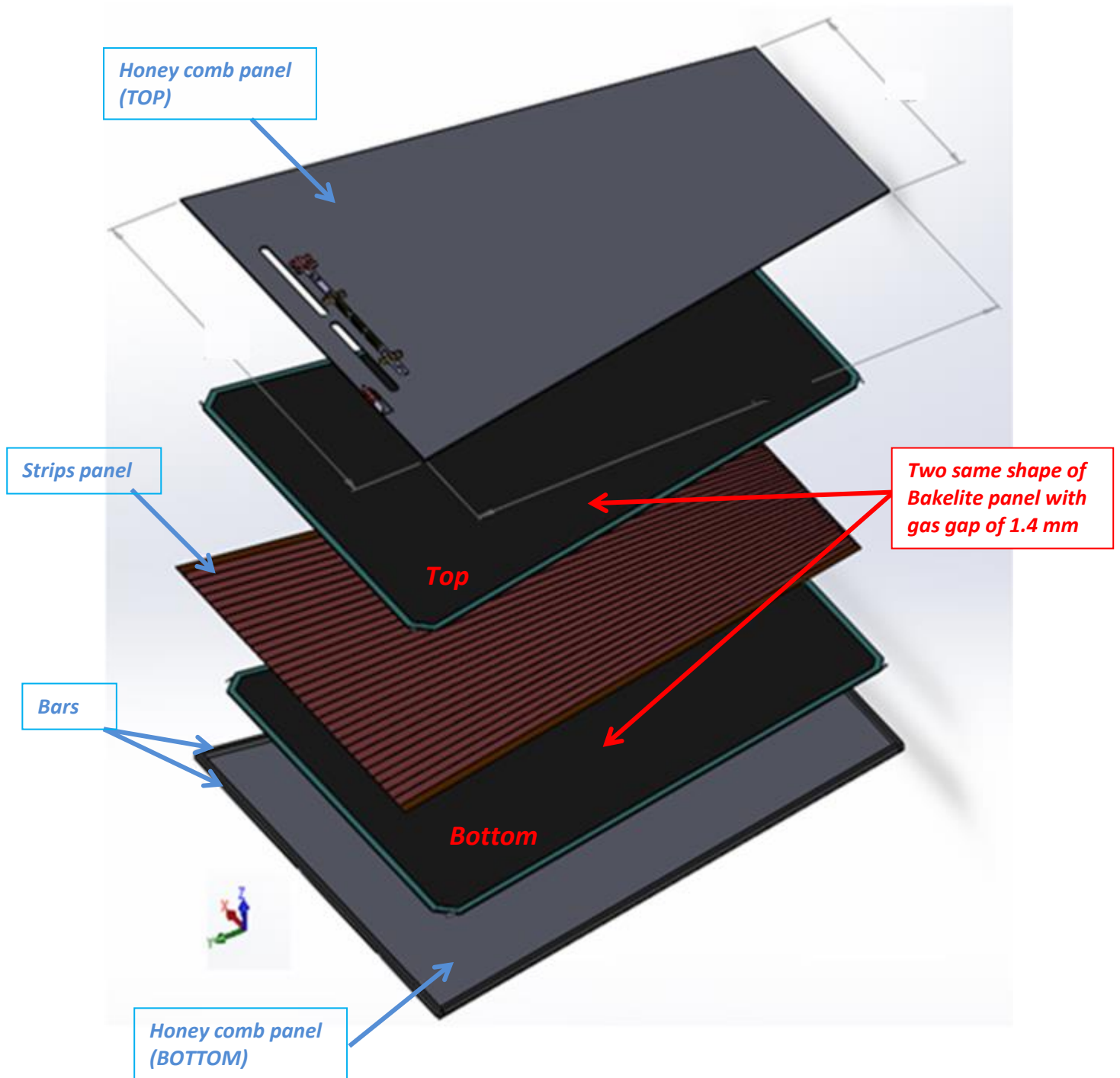
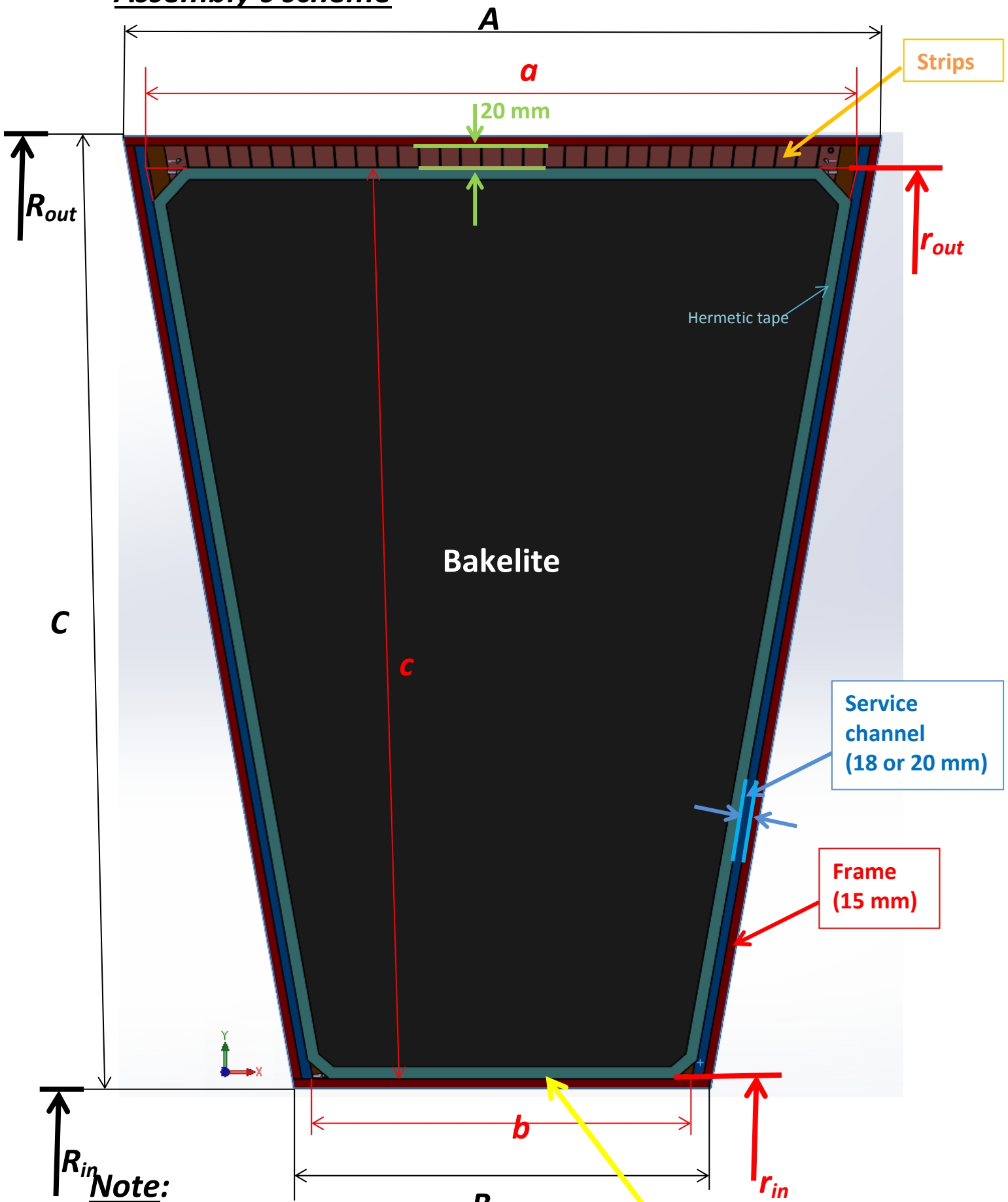


Assembly's scheme



Assembly's scheme



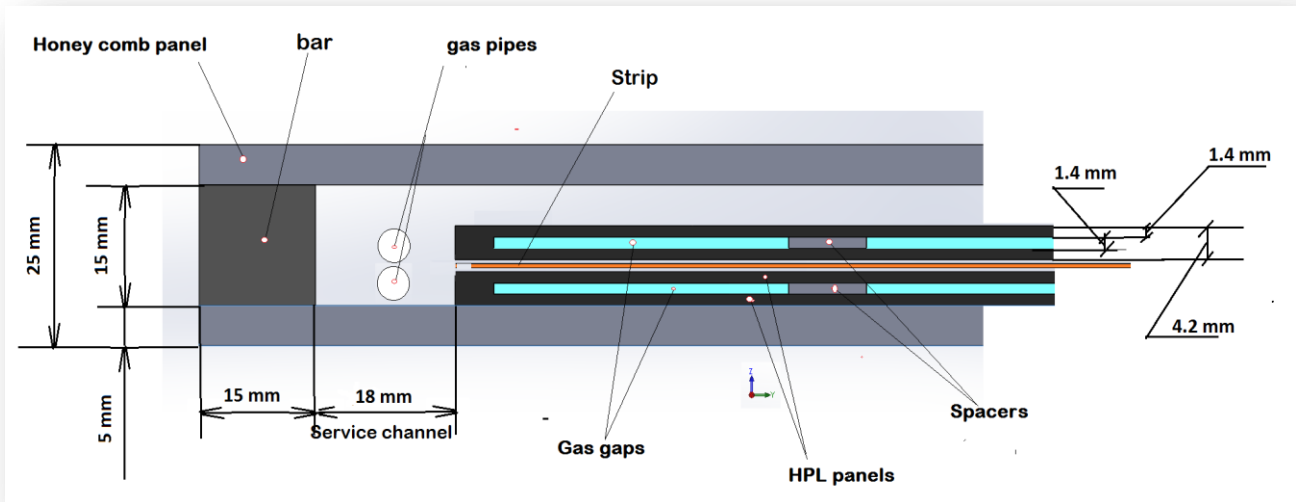
Note:

External dimensions of chamber were marked the black colour
Bakelite's dimensions were marked the red colour

*Dimensions see below on the NEXT PAGE

In "Rin" will be or not a service channel here???

Cross section of mechanical service



Dimensions of RE3/1 and RE4/1 chambers

	R_{in}, mm	R_{out}, mm	A, mm	B, mm	C, mm	r_{in}, mm	r_{out}, mm	a, mm	b, mm	c, mm
RE3/1	1560	3225	1244	645	1665	1527 1545	3192 3190	1178	579	1599 1615
RE4/1	1803	3173	1113.5	630.5	1370	1778 1788	3140 3138	1047.5	564.5	1304 1320

Calculation of bakelite's dimensions (without service channel in "Rin")

$$r_{in} = R_{in} - 15, [mm];$$

$$r_{out} = R_{out} - 15 - 20, [mm];$$

$$a = A - 2 \times (15 + 18), [mm];$$

$$b = B - 2 \times (15 + 18), [mm];$$

$$c = C - (2 \times 15) - 20, [mm];$$

where

R_{in}, R_{out}, A, B, C are external dimensions of RE3/1 and RE4/1 chambers;

15 mm is the bar's thickness;

18 mm is the service channel

20 mm is gap for strips (see the assembly's scheme);