



## Flexi Snake

 C47\_3d

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## Summary

Simple articulated snake

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This is a 'simple', articulated snake with a smooth body (no scales) in 2 lengths

### Version 1.1 - 03 V 2025

Original is with a head and 43 body segments - 239mm long

Short and keyring versions are with 14 segments - 92mm long

It's based on my previous Flexi Capy Snek and Flexi ReinD Snek

Original model is printed straight but if you want to print it as big as you can there is an Arc version (the same model but bended - wich uses more square space with more optimal way)

On typical printers (~235mm bed plate and more) you should be able to go around 300% (so 27x more volume than original)

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**If you want to sell prints of this models you can buy a commercial license**

<https://cults3d.com/en/3d-model/game/flexi-snake-commercial-license-c47>

**I also made a LONG Flexi Snake (1 meter, 3.3ft)**

Size comparison is on the last photo

<https://cults3d.com/en/3d-model/game/long-flexi-snake>

**More Flexi models:**

[https://www.printables.com/@C47\\_3d/collections/1869277](https://www.printables.com/@C47_3d/collections/1869277)

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### **Printing tips**

2-3 walls

No infill needed unless you will resize the model

No supports needed

Good bed adhesion is needed. Brim is not recommended as you may need some time to remove it

Good cooling is recommended (connectors are with bridges)

You can resize it up as you like

Resizing down is not recommended but possible (with 0.4mm nozzle it should work even with 50% size but connectors will be much weaker). You may then use a Keyring version as an earring

Break possible connections between segments after print

With a clean print it will be moving like it should streight from the bed plate

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### **UPDATE 03 V 2025**

Changed a head a little (longer mouth, more visible eyes, different nose and top side) - see photo

Improved model bending in XY axis (around 5-7% higher bending angle)

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## **Model files**

**flexisnake\_v11.stl**



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**flexisnake\_v11\_arc.stl**



**flexisnake\_v11\_short.stl**



**flexisnake\_v11\_keyring.stl**

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