

FlexChroma Tour Guide

- Let's Explore FlexChroma's Models -

Ver.1.11 2026.8.8

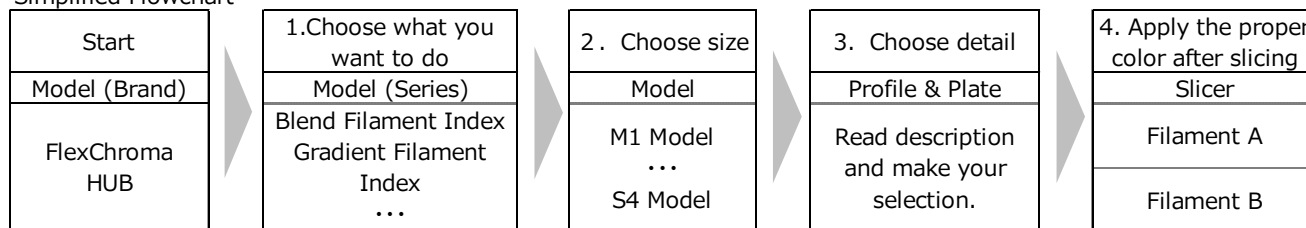
● 1. Introduction

FlexChroma™ is a set of models designed to create filament itself by combining commercially available filaments. It consists of multiple Series, each designed for a different purpose. Within each Series, multiple Models are provided, along with different Profiles and Plates depending on size and usage.

● 2. How to Choose a Model

First, follow this quick selection flow to download and print the correct data.

Simplified Flowchart



When choosing a model, start by deciding what kind of filament you want to create.

1. Select a Series: Blend Filament for mixed colors, Gradient Filament for color changes.
2. Select a Model size: Use an S4 Model for small objects, or an M1 Model for larger prints requiring around 70g of filament.
3. Select a Profile and Plate: Choose the Plate that matches your desired mixing ratio or pattern.
4. Assign filaments and slice: Use filaments with the same or similar material, assign them, slice the model, and read the print notes before printing.

*Note: In FlexChroma, "Profile" means a purpose-based classification, not different print settings.

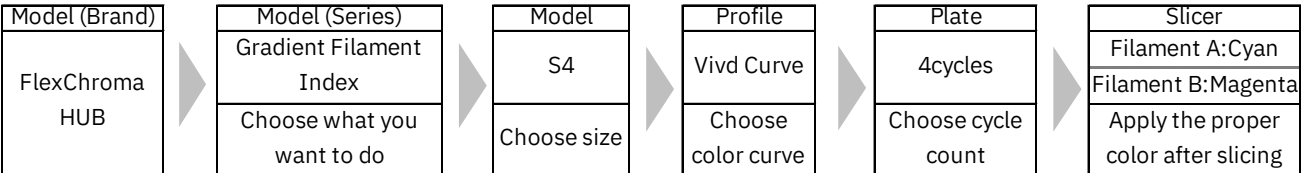
5. Gradient Filament

The Gradient Filament Series provides multiple color-changing Profiles and Plates with different cycle counts. Details vary by model, so please refer to each model’s description.

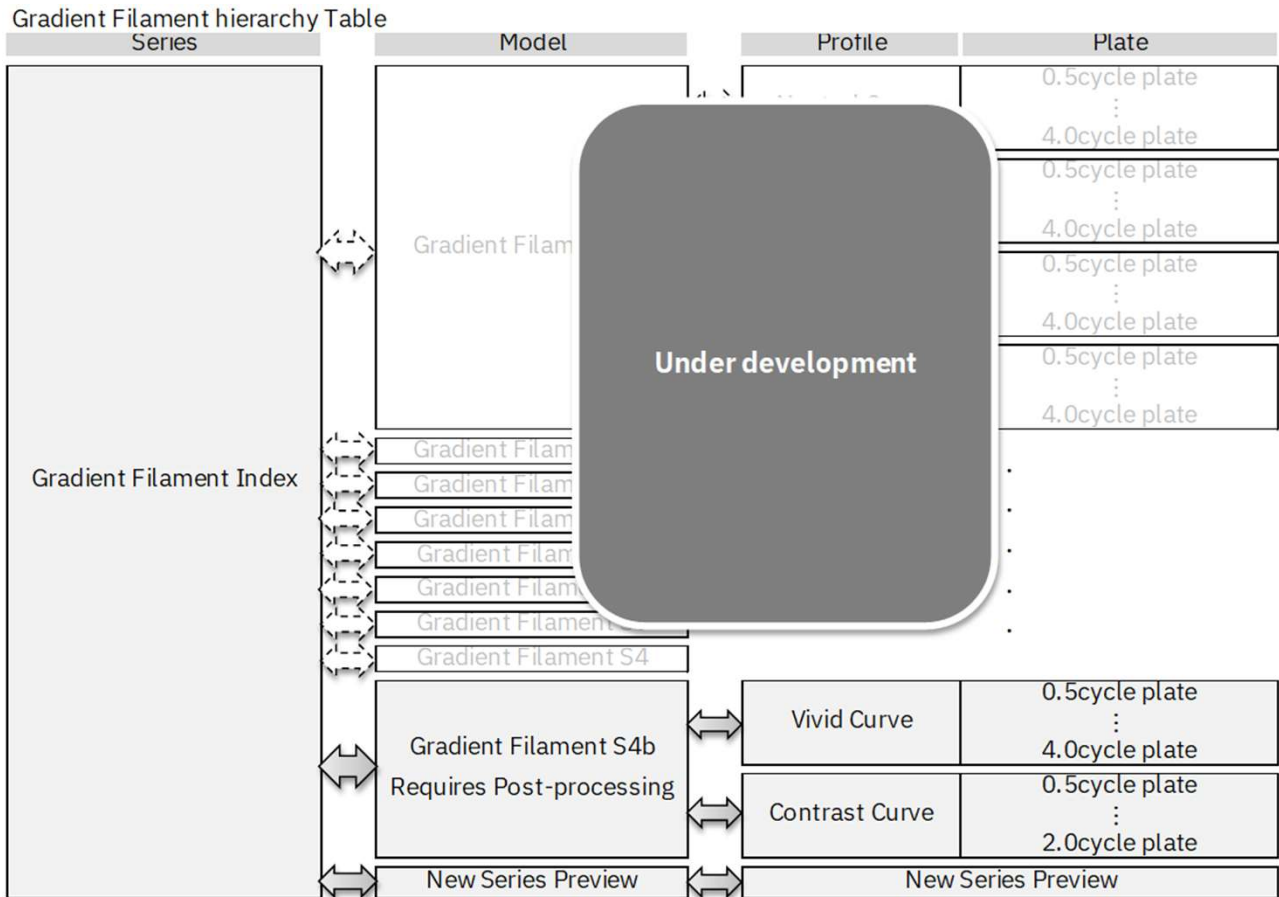
- Color Curve: Settings based on color combinations. This option allows you to select the optimal gradient for each color—for example, “Vivid” for cyan and yellow, or “Contrast” for white and magenta.
- Number of cycles: The number that determines the frequency of the gradient. One cycle is counted as one complete cycle in which the filament changes from A to B to A and back.

Example: To create a fast-cycle gradient filament using cyan and magenta, select an S4 Model, choose a 4-cycle Plate, and use the Vivid curve Profile due to the high color contrast.

Example: Create a gradient filament with the fastest cycle of cyan and magenta.



The following is the model configuration for Gradient Filament.



6. Update History

Ver.1.00 2026-07-02 First Edition Published

Ver.1.10 2026-07-22 Revisions for Integrated Design

Ver.1.11 2026-08-08 Revisions to align with the Japanese version