



Knightcycle

RECYCLE YOUR WASTE

Knightcycle is a UK startup on a mission to transform 3D printing waste recycling. We're building a service to make recycling simple, accessible, and rewarding for businesses and hobbyists alike. By joining as an early supporter, you can help shape the service, track your recycling impact, and see how much filament is produced from your waste — all while contributing to a cleaner, more sustainable environment.***

Why Choose Knightcycle?

Close the Loop

Your waste becomes new filament - true circular economy

Company Dashboard

Track exactly how much you've recycled and filament produced from your waste ***

ESG Targets

Accountability for sustainability goals - stop your printing waste going to landfill

Earn Rewards

Get points back based on what you recycle (1kg = £1 in points | 10g = 1p in points)

80L Recycled Boxes

Convenient size, made from recycled plastic - eco-friendly from start to finish

DPD Collection

Reliable, scheduled collections - we handle the logistics

Better Value

78% larger boxes than PAYG competitors - save £9 (new customers) or £16 (returning customers) per box

No Store Purchase Required

You don't need to buy our filament to recycle with us. Just purchase your collection box and get started - no minimum spend, no obligations

Analytical Results

We analyse each box to confirm what's sent and provide you with concrete proof. Receive a detailed PDF report with NIR spectra showing we've tested and accepted your waste

Our Services & Pricing

PAY AS YOU GO		SUBSCRIPTION		
	First Box	Additional Boxes	Monthly Subscription	
	New Customers	Existing Customers	Nationwide	
Price	£45 one-time	£38 one-time	£30 per month	£25 per month
Box Size	80L (max 15kg)	80L (max 15kg)	80L (max 15kg)	80L (max 15kg)
Collection (Included)	On-demand (email when ready)	On-demand (email when ready)	Monthly scheduled (choose your day)	Monthly scheduled (choose your day)
Delivery (Included)	DPD	DPD	DPD	Knightcycle Direct*
Rewards	1kg = 100 points = £1 in store credit			
Dashboard Access	✓	✓	✓	✓
Welcome Pack	✓	-	✓	✓
Website	-	-	✓	✓
Advertisement**			(Company logo & link)	(Company logo & link)
Best For	Testing service, occasional use	Flexible recycling needs	Regular waste, effortless management	Local businesses, lower cost + direct service

Subscription Terms

All subscription plans require a 3-month minimum commitment. After the initial 3-month period, you can cancel anytime. Subscriptions remain active until your next scheduled collection date, ensuring you receive full value from your service.

How Pay As You Go Works

- Order the PAYG option - first order charged at £45
- 80L recycled plastic box dispatched within 2-3 working days
- Fill the box (max weight: 15kg including box)
- Email collection@knightcycle.co.uk with your order ID to arrange collection
- Box collected via DPD - request immediate replacement if needed
- Additional boxes at reduced £38 rate - no obligation to continue
- Keep the box if you decide not to send it back - no pressure!

What We Accept

- **3D Printing Filament Waste:** Failed prints, support material, purge waste, unwanted prints, colour change purges and offcuts
- **PLA on initial startup launch** with the aim to expand to PETG, Nylon and more
- **Clean, dry waste** - see welcome pack for full guidelines

Ready to Close the Loop?

Start recycling your 3D printing waste today. Choose Pay As You Go for flexibility or subscribe for regular monthly collections.

What Can I Do With My Points?

Redeem your points for discounts on filament purchases and shipping costs.

Can't use our recycled products due to your Standard Operating Procedures, or simply want to support a good cause? **Donate your points to charity!** Knightcycle is building a program to partner with UK-based charities that use 3D printing. Your donated points will help reduce their material costs and support their important work.

Charities: Interested in joining our points donation program? Email info@knightcycle.co.uk. Businesses: Know a charity that should be included? Encourage them to reach out to us directly.

Can I Send Over 15kg in a Single Box?

Yes! You can send up to 30kg in a single box. A small per-kilogram surcharge applies to cover additional delivery costs, payable before collection is arranged. This option is ideal if you frequently print with high infill densities or have accumulated heavier waste.

Get in Touch

Email: info@knightcycle.co.uk

Collections: collection@knightcycle.co.uk

Website: www.knightcycle.co.uk

*** Knightcycle Direct:** Will require slightly more communication than the nationwide plan due to arranging collection times. With the nationwide subscription, time-frame for collection may be flexible a day or two either side of the preferred date due to being a startup business.

**** Website Advertisement:** You have the option to upload your company logo and preferred URL link to our '**Our Recycling Partners**' section on our website. We are proud to showcase each subscribed company that has championed recycling their filament waste, and we wish to direct customers to these outstanding companies and individuals.

***** Filament Production Tracking:** Your company dashboard shows the total weight of PLA waste you've sent to Knightcycle. Filament production figures are calculated monthly, based on the average recycled content across all production that month, multiplied by your contributions. This provides an accurate estimate of your recycled filament while allowing us to manage batch processing efficiently as a small operation. Production figures are updated with a one-month delay to ensure calculations are correct.

For larger businesses generating significant waste on a regular basis, it may be possible to provide more precise production figures specific to their contributions.