



# Startly Innovations

Sustainable, CPCB-Certified  
Bioplastic Solutions for Pharma,  
Hospitals, and Retail.





# The Diagnosis: A Crisis of Waste and Compliance



**The Waste Volume:** Healthcare generates massive single-use waste. Over **8 million tons of plastic** enter oceans annually.



**The Persistence:** Traditional plastic takes up to **1,000 years** to decompose. **Microplastics kill 100,000+ marine animals/year.**



**The Compliance Risk:** Regulatory bans on single-use plastics are increasing. Non-compliance creates legal liability.



**The Gap:** Millions of non-compliant bags are used daily due to a lack of durable, certified alternatives.

# The Prescription: 100% Compostable. 100% Compliant.

Material Science Meets Regulatory Safety.

## Material Composition:

Proprietary blend of Corn Starch, PLA (Polylactic Acid), and PBAT.



## The Promise:

Decomposes in 180 days under natural conditions. to earth as biomass.



Fully licensed by the Central Pollution Control Board (CPCB). ISO Compliant.

# Pharmacy & Retail Dispensing Solutions



## U-Cut & W-Cut Carry Bags

Standard dispensing for pharmacies.

**Sizes:** 10x12 to 24x30 inches

**Thickness:** 30-50 microns

**Load:** 1.5 kg to 15 kg



## D-Cut Carry Bags

Premium packaging for patient kits/shops.

**Sizes:** 8x10 to 16x20 inches

**Thickness:** 50-60 microns

**Load:** 1 kg to 8 kg

# Clinical Storage & Compounding Solutions



## Compostable Pouch / Hot Liquid Bags

**Feature:** Hot & Cold Use (Safe for liquids).

**Sizes:** 4x6 to 8x10 inches.

**Density:** 50-60 microns.

**Volume:** 100ml to 500ml.



## Compostable Grocery (Bulk Supply) Bags

**Usage:** Bulk storage, dry goods, patient effects.

**Sizes:** 8x10 to 14x18 inches.

**Thickness:** 30-40 microns.

**Load:** 0.5 kg to 5 kg.

# Secure Logistics & Hygiene Packaging



## Tamper-Proof Courier Bags

For secure document transfer and lab results.  
Sizes: 8x10 to 14x18 inches.  
Durability: 30-40 microns with strong adhesive sealing.



## Garment Packaging Bags

Hygienic protection for laundry, scrubs, and linens.  
Sizes: 8x10 to 14x18 inches.  
Load: 0.5 kg to 5 kg.  
Transparent for visibility.

# Clinical Safety, Zero Environmental Footprint

## Compostable Bouffant Caps

Essential protection for sensitive environments. We provide the breathability and barrier protection required by industry standards without contributing to medical waste piles.

- **Industry Applications:**
- Pharmaceuticals & Hospitals
- Food Processing Industry
- Beauty Salons & Spas



**Packaging:** 100 pcs per pack; customizable cartons.



# Preservation & Sterile Protection



## Cling & Shrink Film

**Material:** Corn Starch/PLA/PBAT Blend

**Application:** Hot & Cold Use

**Commercial Specs:**  
Roll Size: **30 cm x 250 m**

**Use Cases:**  
Pallet wrapping for transport.  
Sterile tray and food wrapping for cafeterias.

# Sustainable Patient Dining & Cafeteria Essentials

- Zero-Waste Dining: Eliminating single-use plastic from patient meals.
- Features:
  - Rigid biopolymers (Corn Starch/PLA)
  - Heat resistant (Safe for hot soups)
  - Taste-neutral and sturdy
  - Customizable for institutional branding



# Customization: Your Brand, Your Impact

Turn Packaging into a Statement of Care.



## Easy Customization

- **Branding:** Custom printing of logos on bags.
- **The Message:** Mandatory environmental compliance text printed clearly to reassure regulators.
- **Clean Design:** We integrate your brand with green messaging, avoiding promotional noise.
- **Tailored Specs:** Custom sizing and thickness available.

# Manufacturing Excellence

**Facility:** State-of-the-art unit in Hajipur/Patna.

**Process Automation:**

- Automatic Cutting and Sealing
- Precision Punching
- Scalable production rolls

**Strategic Advantage:**

Central location ensures low logistics costs and high national connectivity.



# The CSR Advantage: Overcoming the Cost Barrier



CSR Fund



Subsidized Cost

Lowering the Cost Barrier



Plastic Replacement

## Standard Package

- Replace 50,000 bags.
- ₹17,500 – ₹25,000 CSR spend.
- Impact: Direct visibility across hospitals.

## Mega Package

- Replace 100,000+ bags.
- Lower cost per unit.
- Impact: District-level plastic reduction with strong ESG reporting value.

Transform CSR spend into measurable environmental action.

# Why Partner with Startly?



**Cost Competitive:** Indigenous manufacturing ensures global quality at Indian pricing.



**Regulatory Armor:** Full CPCB compliance protects against plastic ban penalties.



**Reliability:** Bulk order delivery assurance with transparent dealings.



**No Language Barrier:** Seamless communication for procurement teams.

# Our Vision: Net Startly

Aligning Procurement with UN Sustainable Development Goals.



Achieving a balance between emissions produced and removed. A shift to net-zero emission plastics.

# Start Your Sustainable Journey Today.

Replace 50,000 plastic bags with your first order.



## Need a Custom Solution?

Our R&D team can develop tailored bioplastic solutions to meet your specific requirements.

From unique formulations to custom manufacturing processes, we've got you covered.

- Samples in 2-3 weeks
- Rigorous testing and certification
- From pilot to full-scale manufacturing