

## **ABEYSON POLYMERS**

### **MANUFACTURING & PRODUCT SPECIFICATIONS CATALOGUE**

Location: Kottayam, Kerala, India

Specialization: Custom Polymer Solutions | Agricultural | Industrial | Retail

### **CORPORATE OVERVIEW**

ABEYSON POLYMERS is a premier manufacturer specializing in high-performance polymer solutions. Our facility is engineered for versatility, bridging the gap between standard retail packaging and specialized industrial/agricultural requirements.

#### **The Custom-First Approach**

We understand that industry needs vary. Every product in our catalogue—from our signature Nursery Bags to our Treated Industrial Rolls—is fully customizable in terms of dimensions, color, and micron thickness (gauge) to meet the exact specifications of our clients.

## **1. WASTE MANAGEMENT SOLUTIONS**

High-puncture resistance bags for residential, medical, and industrial use.

### **Garbage Bag Line**

Categorized by use-case for efficient procurement and sizing.

- \* Small Division: 17x19, 19x21 (Optimized for office/restroom bins).
- \* Medium Division: 22x35, 24x30, 30x30 (General household and kitchen bins).
- \* Large/Industrial Division: 30x36, 30x50, 36x50 (Heavy-duty commercial/outdoor waste).
- \* Materials: High-grade LDPE and HDPE blends.

## **2. RETAIL & PACKAGING DIVISION**

Eco-friendly and brand-ready solutions.

### **2.1 Grocery Bag Line**

High-tensile strength bags for retail and wholesale environments.

- \* Standard Weight Capacities: 0.25 kg, 0.5 kg, 1 kg, 2 kg, 3 kg, 5 kg, 10 kg, 15 kg, 20 kg, 25 kg.
- \* Customization: Full range of colors, handle styles (T-shirt/D-cut), and custom micron levels.

### **2.2 Biodegradable Carry Bags**

Certified compostable solutions for sustainable brands.

- \* Material: 100% biodegradable and compostable resins.
- \* Standard Sizes (Inches): 10x14, 13x11, 16x20, 17x23, 24x30, 27x36.

## **3. AGRICULTURAL SOLUTIONS**

Precision-engineered solutions for high-yield farming and estate management.

### **3.1 Nursery (Seedling) Bags**

Designed for optimal root health and irrigation control.

\* Technical Standard: Integrated 3-hole drainage system to prevent waterlogging and promote aeration.

\* Available Dimensions (Inches):

\* Small: 4x6, 5x7, 5x8

\* Medium: 6x8, 7x9, 8x10

\* Large/XL: 10x12, 12x14, 14x18, 16x18

\* Customization: Variable gauge (thickness) and hole placement available per project requirement.

### **3.2 Rain Guard Sheets**

Essential protection for the Rubber Tapping industry.

\* Application: Durable sheeting designed to protect rubber tree tapping panels from rain washout, ensuring maximum latex collection throughout the monsoon.

\* Standard Widths: 18, 24, 30, and 48.

## **4. INDUSTRIAL PRINTING SOLUTIONS**

### **Treated Rolls for Printing**

Bespoke industrial rolls treated for high-definition branding.

\* Technical Treatment: Corona Treated for superior ink adhesion and long-lasting print quality.

\* Materials: Available in LD (Low Density) and HDPE (High Density).

\* Specifications: 100% Client-Driven. Manufactured to your specific width, roll length, and gauge requirements.

### **QUALITY COMMITMENT**

At ABEYSON POLYMERS, we ensure that all custom-manufactured products meet rigorous durability standards. We provide solutions for retail brands, industrial printers, and agricultural estates with a focus on reliability and precision.