



**PARAGON FILMS**  
DESTINATION SECURED

# Sustainability **REPORT**



THINNER.  
**STRONGER.**  
GREENER.®

2025

THINNER.  
**STRONGER.**  
GREENER.®

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# Introduction

**At Paragon Films, character drives everything we do, and Sustainability Without Sacrifice™ defines how we do it.** Sustainability Without Sacrifice™ means customers never have to choose between performance, cost efficiency, or environmental responsibility. It captures our belief that the industry's thinnest, highest-performing stretch films should also help reduce waste, lower emissions, and improve recycling outcomes.

This commitment is increasingly important as Extended Producer Responsibility (EPR) laws expand in the United States. Our approach, from product design to supplier engagement and data transparency, supports customer readiness for evolving requirements around recyclability, reporting, and end-of-life performance. We engineer films that enable source reduction, invest in certified post-consumer recycled (PCR) content, and provide practical resources that make recycling the packaging around our products easier for end users.

In short, we are building value without trade-offs; higher containment at lower gauge, operational efficiency with reduced environmental impact, and transparency that strengthens trust.



# Sustainability Culture



## A MESSAGE FROM OUR CEO

Sustainability is not a department at Paragon Films. It is embedded in how we innovate and operate. Our slogan “Sustainability Without Sacrifice” means customers never have to choose between performance, cost efficiency, or environmental responsibility. We continue to design films that secure loads while reducing material use and carbon footprint; we invest in technologies that boost efficiency and reliability; and we disclose our progress to leading frameworks.

What sets Paragon Films apart is our unwavering focus on our people, our polymers, and our process. **Our people** bring the character, curiosity, and commitment that fuel continuous improvement. **Our polymers** are engineered through deep material science expertise that enables higher performance, greater consistency, and more circularity across our entire portfolio, while making them more efficient and better suited for recycling.

**Our process**, refined through discipline, data, and innovation, ensures that quality and sustainability are built into every roll we manufacture. Together, these strengths define who we are and why customers trust us to deliver Sustainability Without Sacrifice™.

We doubled down on product circularity with certified PCR offerings and expanded our supplier sustainability engagement. Our teams in Operations, R&D, Quality, Supply Chain, Sales, and Marketing worked together to turn ideas into measurable improvements from line efficiency and waste prevention to packaging recyclability and customer education.

Across the world, EPR legislation is elevating expectations for recyclability, transparency, and recovery. We support that direction and are preparing ultra-high-performance films that fit today’s recycling streams. Together with our customers and partners, we’re not just making better stretch films, we’re building a better future.

Together with our customers and partners, we’re not just making better stretch films, **we’re building a better future.**

**Darin Tang**  
*Chief Executive Officer*  
Paragon Films

# Our Mission & Values

Our mission is to be our customers' first choice in innovative, high-quality, value-added packaging solutions, dedicated to securing a future for our employees, business partners, and shareholders—while embodying our Circle of Excellence values.

These values guide every product decision and every improvement we pursue in sustainability.



## **CULTURE EXCELLENCE**

Love, Passion, Integrity

## **CUSTOMER EXCELLENCE**

Partnerships, representation, and kept commitments

## **OPERATIONAL EXCELLENCE**

Quality, technology, sustainability, and innovation

## **LEADERSHIP EXCELLENCE**

Servant leadership, inclusion, and diversity

## **SAFETY EXCELLENCE**

Awareness, accountability, education, and an uncompromising mindset

## **FINANCIAL EXCELLENCE**

Results-focused, profitable growth, and increasing shareholder returns

# Sustainability Approach

*Paragon applies a lifecycle approach to engineering film, from resin selection and formulation to application performance, we focus on stretch film sustainability at every step. Our goal is to keep virgin material use as low as possible while maintaining or improving containment and consistent quality performance, so customers realize both environmental and economic benefits.*

*We bring technology, science, and continuous improvement to every step: optimized line conditions, process control and monitoring, waste prevention, and packaging choices designed for recycling. Our certified PCR products and customer recycling resources are examples of this approach in action.*



Member of  
**ASSOCIATION OF  
PLASTIC RECYCLERS**



Member of  
**SUSTAINABLE PACKAGING  
COALITION\***



**INTERNAL GOVERNANCE  
SUSTAINABILITY COMMITTEE**

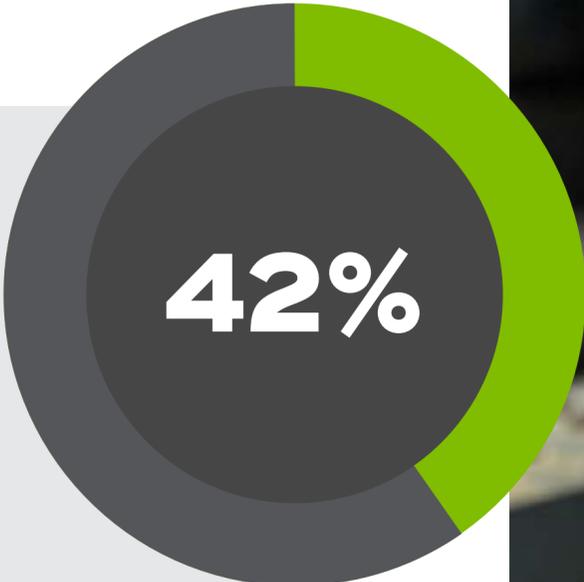
# Science Based Target (SBT)

Paragon Films, Inc. commits to reduce Scope 1 and Scope 2 greenhouse-gas (GHG) emissions 42% by 2030 from a 2020 base year, and to measure and reduce Scope 3 emissions. Our base-year and recalculation policy aligns with the GHG Protocol and SBTi guidance, and we continue to strengthen data quality and assurance to track progress against this target.

Beyond targets, our focus is on executable, high-impact actions, energy efficiency, process optimization, product source reduction, and circularity improvements that reduce virgin resin demand and end-of-life impacts.

## PARAGON FILMS SBT

Reduce Scope 1 & 2 GHG emissions  
**42% by 2030** from a 2020 base year  
Measure and reduce Scope 3 emissions



42%



# Emissions & Verification (Scopes 1-2)

Paragon compiles Scopes 1-2 annually using primary site data and GHG Protocol methods. In 2024, Paragon Films' Scope 1 emissions decreased to 284 tCO<sub>2</sub>e, reflecting continued efficiency gains and reduced stationary fuel use across our facilities. Infrequent refrigerant needs is shown in the YOY fluctuations of Scope 1 emissions. Scope 2 emissions totaled 25,530 tCO<sub>2</sub>e on a location based basis (26,829 tCO<sub>2</sub>e market based), remaining the largest portion of our operational footprint due to electricity consumption in manufacturing. We continue to prioritize energy efficiency improvements, equipment upgrades, and data-driven insights from our power monitoring systems to support long term reductions in both Scope 1 and Scope 2 emissions.

## SCOPE 1 EMISSIONS

Direct greenhouse (GHG) emissions from sources controlled by an organization

## SCOPE 2 EMISSIONS

Indirect GHG emissions associated with purchase of electricity, steam, heat, or cooling

## SCOPE 3 EMISSIONS

Value chain emissions resulting from assets not controlled by an organization, but that the organization indirectly affects

SOURCE: [EPA Center for Corporate Climate Leadership](#)

### PARAGON FILMS SCOPE 1-2

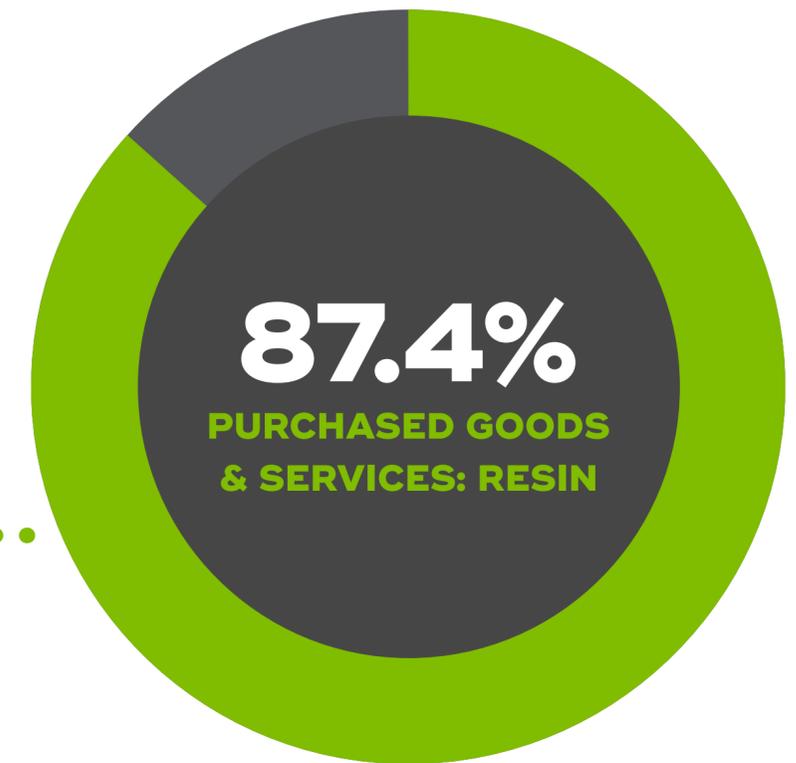
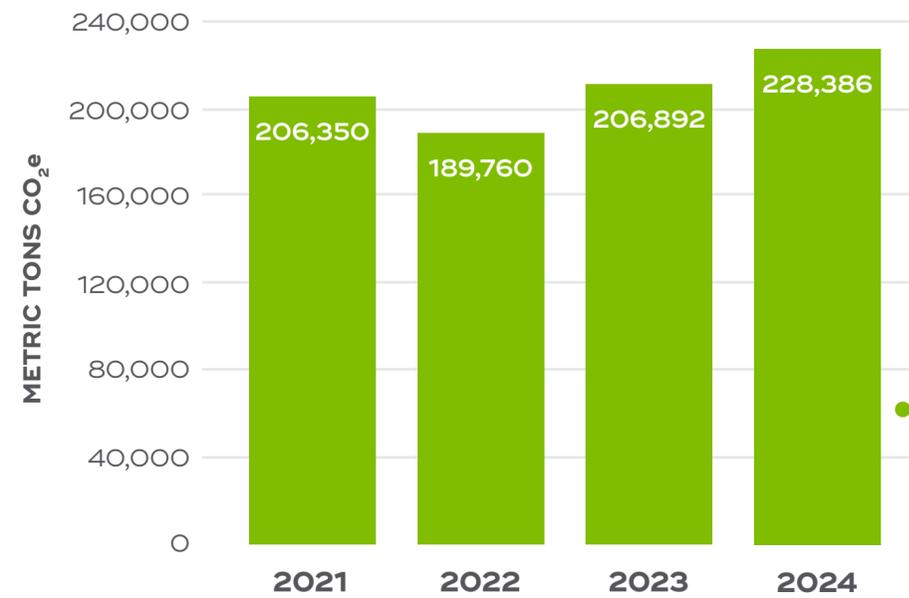


# Scope 3 Overview

Paragon continues to measure Scope 3 to understand value-chain impacts and prioritize action. In 2024, Paragon Films' Scope 3 emissions totaled 228,386 tCO<sub>2</sub>e across all reported categories, with Category 1: Purchased Goods & Services (primarily resin) contributing 199,715 tCO<sub>2</sub>e. Year over year changes reflect both business growth and improved methodological accuracy as our data quality matures.



## PARAGON FILMS SCOPE 3



# Projects to Reduce Emissions

## OPERATIONAL EFFICIENCY

In 2024, Paragon advanced several engineering initiatives designed to reduce emissions and strengthen our ability to process recycled material. Upgrades began on pelletizers across all plants to customize systems, which enable cleaner production and support long term reductions in virgin resin use. Work also progressed on the installation and qualification of a line in Washington, which will allow the site to run any machine film product in our portfolio. Engineering additionally launched a power monitoring analysis in WA to evaluate energy saving potential and guide future installations at OK and NC.

## MATERIAL REDUCTION

Production began evaluating several packaging reduction opportunities, reducing corrugated usage.

**Pellet Loss Prevention** – Building on earlier progress, 2024 goals included assessing the reclaiming of floor sweep material. These efforts strengthen resin containment practices and advance circular use of internal process scrap.

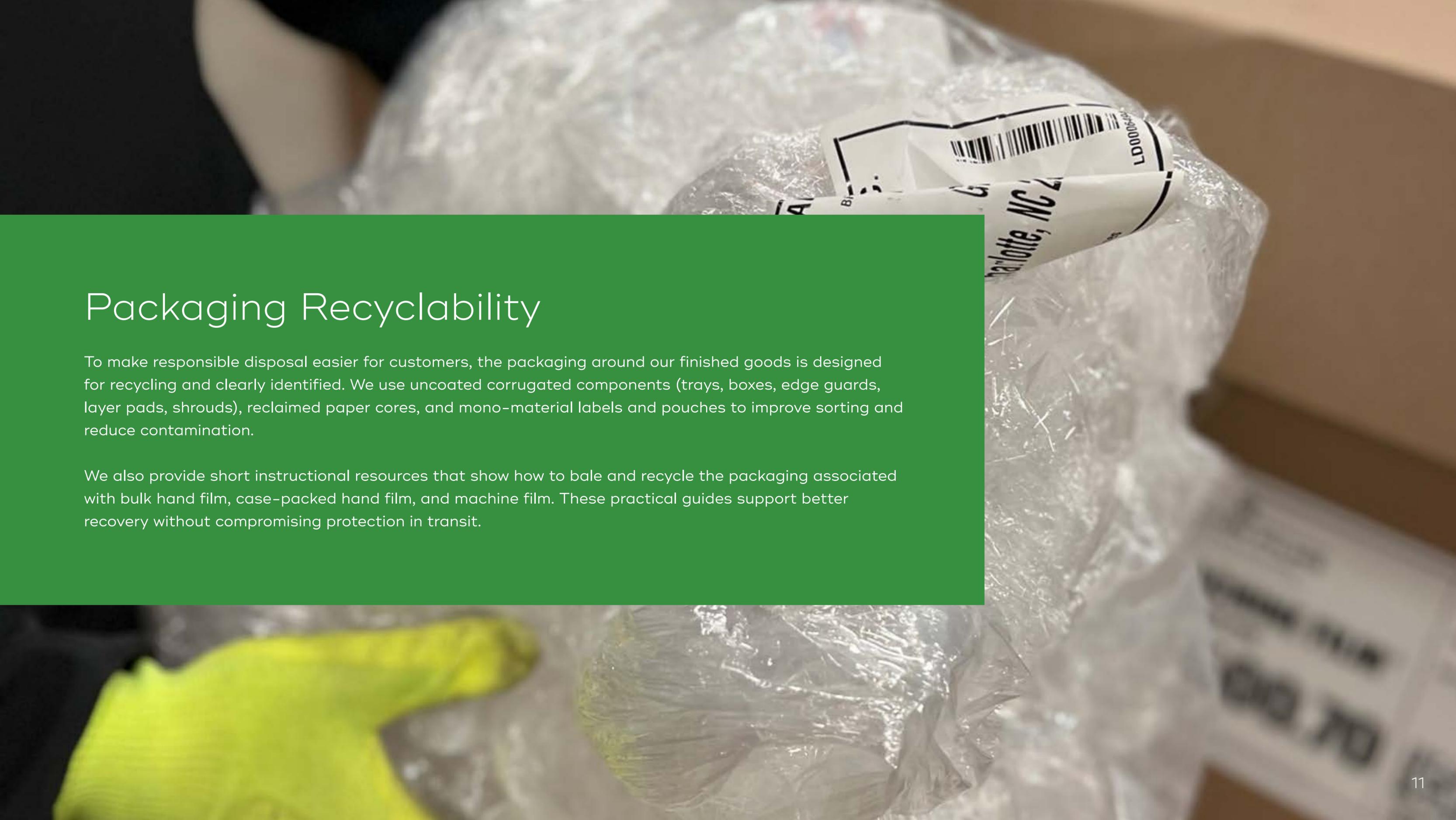
## OPERATION CLEAN SWEEP

Operation Clean Sweep (OCS) is an industry-led program developed by the Plastics Industry Association (PLASTICS) to minimize the environmental impact of plastic resin. As an active OCS member, Paragon Films continues to strengthen its commitment to preventing the loss of plastic resin, flake, and powder across its operations, helping protect landfills, waterways, and surrounding environments. This commitment is embedded at every level of the organization, from corporate policies to individual actions. Employees are asked to pledge and consistently apply OCS principles in their daily work as part of our ongoing focus on continuous improvement. Company-wide engagement and shared accountability remain essential to achieving our goal of zero resin, flake, and powder loss.

## CIRCULARITY & PCR READINESS

Sales targets for PCR-containing products were established. Washington lines were assessed and qualified to produce PCR machine films. Purchasing focused on qualifying a primary and secondary 100% PCR supplier. These actions expand circularity potential and increase the reliability of PCR sourcing.





## Packaging Recyclability

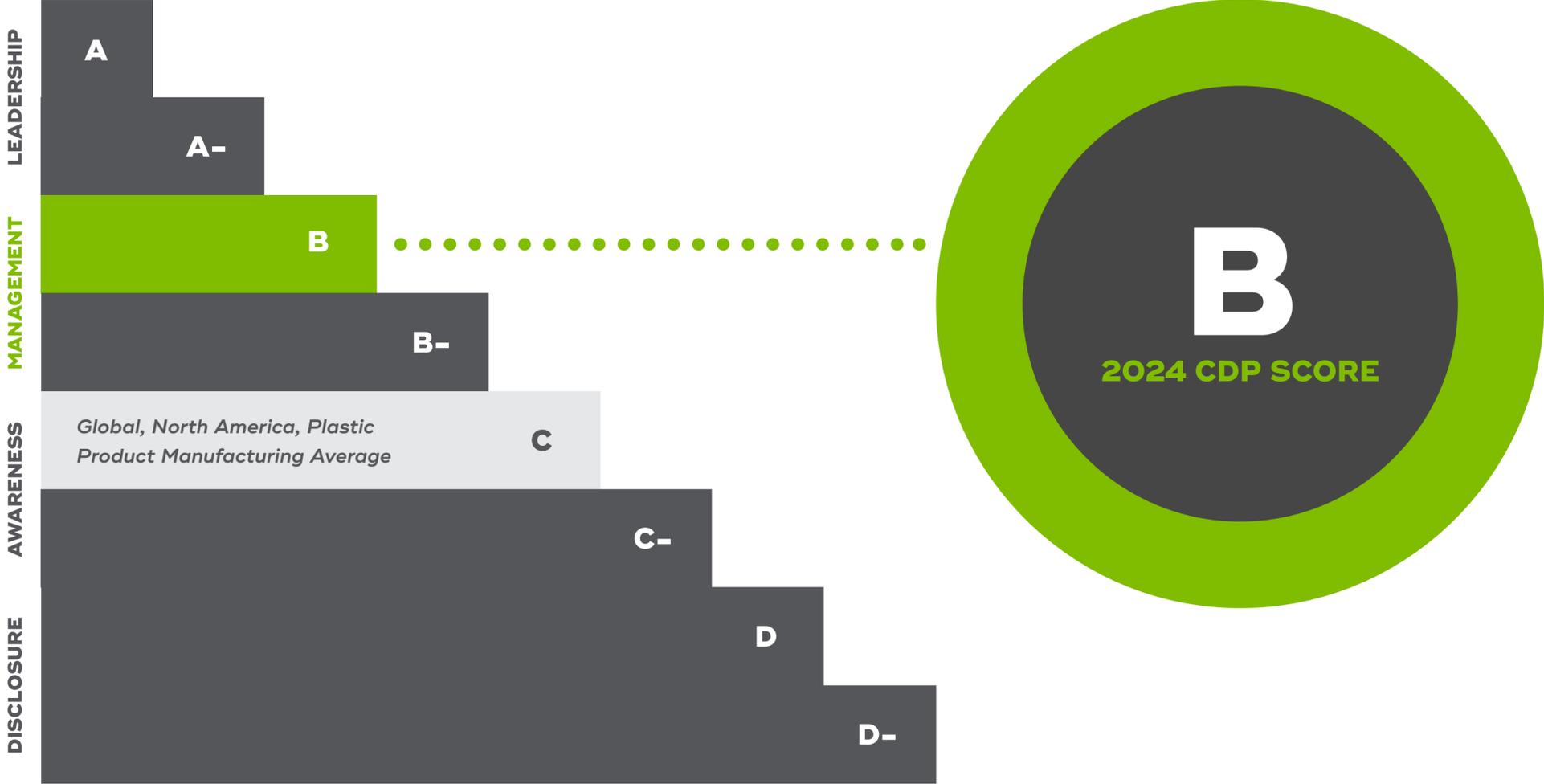
To make responsible disposal easier for customers, the packaging around our finished goods is designed for recycling and clearly identified. We use uncoated corrugated components (trays, boxes, edge guards, layer pads, shrouds), reclaimed paper cores, and mono-material labels and pouches to improve sorting and reduce contamination.

We also provide short instructional resources that show how to bale and recycle the packaging associated with bulk hand film, case-packed hand film, and machine film. These practical guides support better recovery without compromising protection in transit.



# CDP Reporting

Paragon has disclosed annually to CDP since 2021 to strengthen accountability and respond to growing customer and investor expectations. In 2024, Paragon earned an overall Climate score of 'B' (Management level), above regional and sector averages.



# Sustainability Without Sacrifice

Our Sustainability Without Sacrifice™ portfolio helps customers use less virgin plastic while maintaining high containment and consistency—a clear example of Sustainability Without Sacrifice.\*

*\*While this report reflects 2024 performance, beginning in 2025, this category transitioned from “SVPR Sustainability: Virgin Plastic Reduction” to our new framework name, “Sustainability Without Sacrifice,” which better represents our commitment to performance without tradeoffs.*



**Beyond™** is one of our most sustainable machine stretch film products we offer. This 39 gauge machine film is designed for customers who are focused on better performance, less film used, and annual cost savings.



**Beyond PCR™:** Our industry-leading sustainable machine film, made with certified Post Consumer Recycled (PCR) content, offers ultra high-performance and enhanced load containment while using less virgin plastic. Available in 10% and 25% PCR offerings, this film features patented technology, tear resistance for ABC load profiles, and one side cling to eliminate tails. It ensures superior quality and consistency, promoting source reduction and cost savings, making it the ideal eco-friendly packaging solution.



**Power Edge PCR™** is a certified 25% Post Consumer Recycled (PCR) hand stretch film designed to support circularity. It is thinner, stronger, and greener than most PCR films available. Power Edge PCR uses less virgin plastic than other hand films on the market.



**Titus®**, designed with sustainability in mind, provides exceptional load security and excellent puncture resistance at an ultra-thin gauge. Titus delivers performance and dependability while using less film. The result is a hand film that provides both cost savings and source reduction.

An aerial photograph of a large industrial facility, likely a warehouse or distribution center. The building has a corrugated metal roof and is surrounded by a paved parking lot. Several semi-trailers are parked in a designated area on the right side of the image. A yellow car is visible in the parking lot. The foreground is dominated by a dense forest of trees with vibrant yellow and green foliage, suggesting an autumn setting. A large green rectangular overlay covers the right side of the image, containing white text.

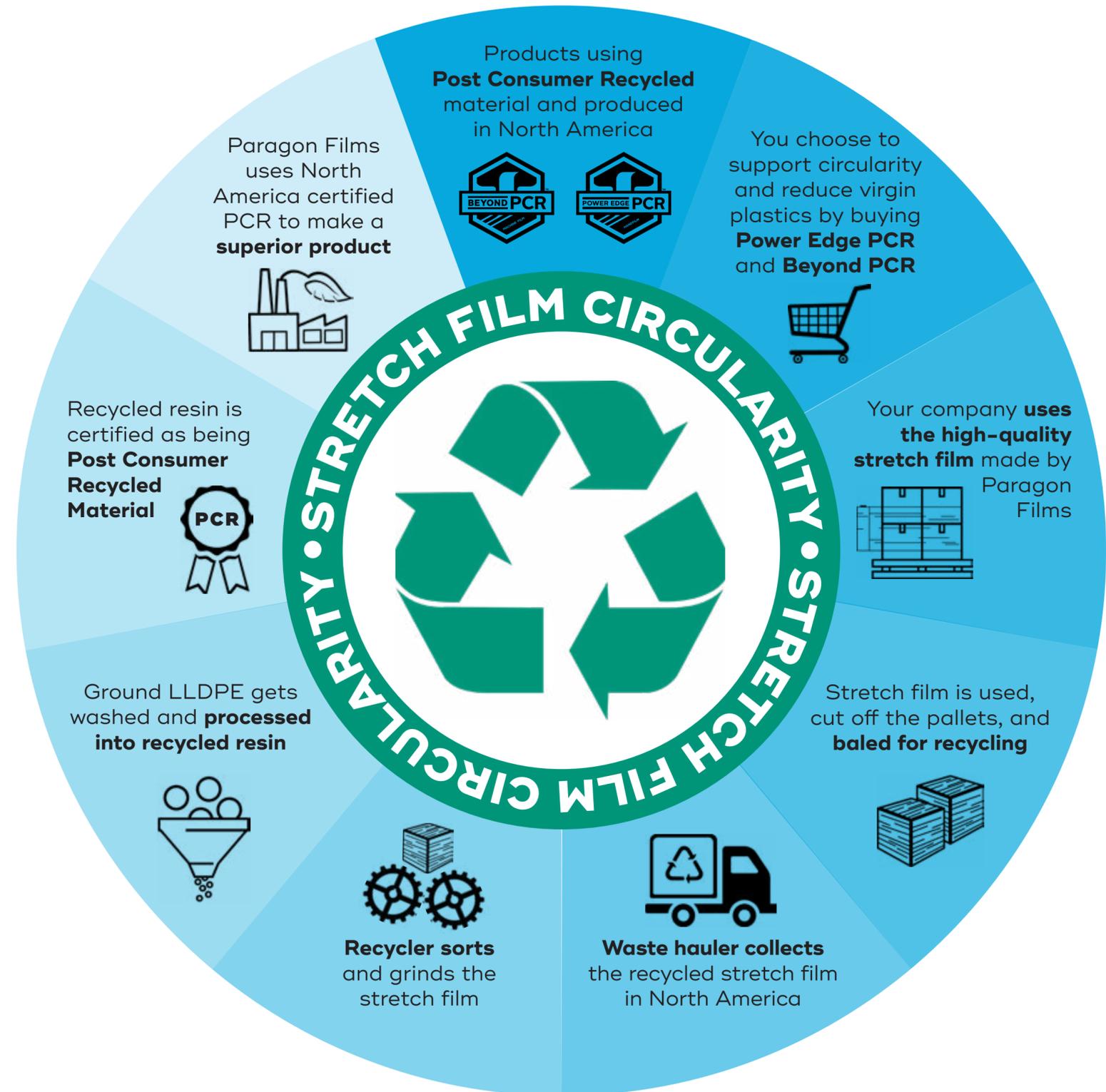
# Supplier Sustainability & EPR

We are preparing for EPR obligations through engagement with Producer Responsibility Organizations, including the Circular Action Alliance (CAA), designated in several states. Our objective is to simplify compliance for customers by ensuring our packaging and reporting practices are ready for evolving rules on recyclability and recovery.

# Circularity

Plastic waste remains a systems challenge. Paragon's strategy is to reduce virgin material use at the source and to strengthen high-quality recycling flows by integrating certified PCR where performance and consistency meet customer needs. Circularity improves when products are made with recycled content sourced near where they are used and recovered, lowering transport burdens and supporting domestic recycling capacity. Industry leaders, including the Ellen MacArthur Foundation, describe circular economy principles where materials never become waste and value is retained through repeated use and recovery.

How Paragon supports circularity in stretch film: customers use high-performance films designed to do more with less; after use, film is cut and baled; recyclers sort and process film into PCR resin; certified PCR is then used by Paragon Films to produce new films, closing the loop and reducing dependence on virgin resin.





# PCR Certification

Paragon's PCR machine and hand films are certified by SCS Global Services for stated PCR content levels (e.g., 10% and 25%). Certification increases clarity and confidence for customers by verifying that PCR claims are supported by third-party standards and chain-of-custody controls.



MINIMUM 10% RECYCLED CONTENT  
POST-CONSUMER



MINIMUM 25% RECYCLED CONTENT  
POST-CONSUMER



[Beyond PCR 10% Certificate](#)



[Beyond PCR 25% Certificate](#)



[Power Edge PCR 25% Certificate](#)



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