

PET Films



Quality Packaged.
Sustainability Delivered.

Your Trusted Specialist for **Rigid** PET Films

At AVI Global, we are guided by a legacy of over 25 years of entrepreneurship, technology-adoption and sustainable thinking, all of which fuel our commitment to deliver high-quality rigid PET packaging solutions that inspire customer confidence and long-lasting relationships.

We are India's largest rigid PET sheet manufacturer by capacity and offer our partners the comfort of sourcing the industry's most comprehensive portfolio of packaging films under one roof.

Be it electronics, food, garments, medical devices or any kind of consumer packaging, simply tell us your application! We have every solution to help you deliver safe and consistent printing and packaging experiences.

What Sets Us Apart

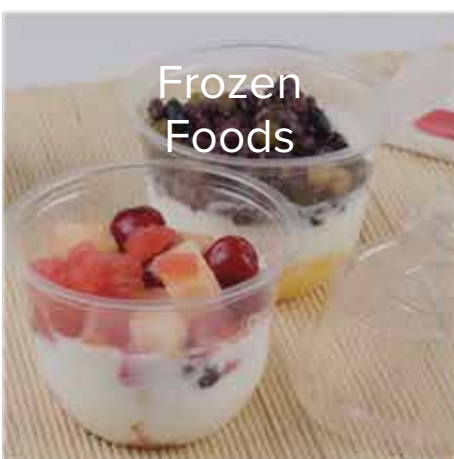
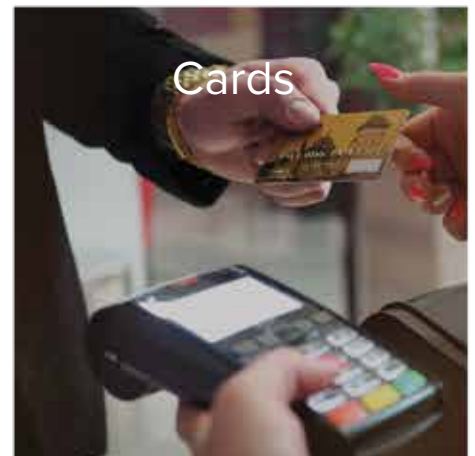
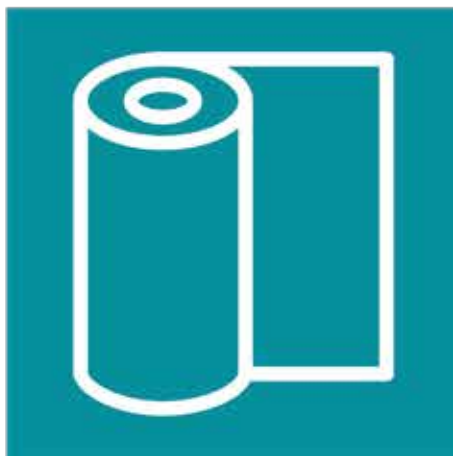
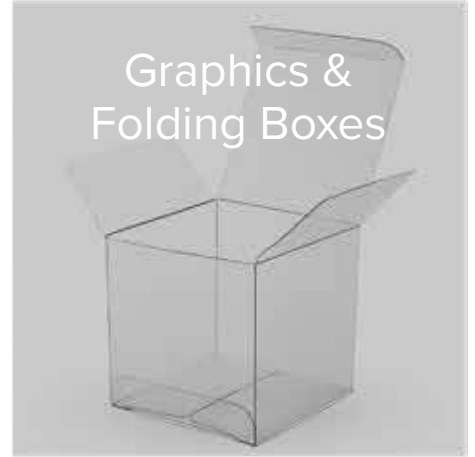
- 3,00,000 sq. ft. world-class factory in Daman, India, with strong port connectivity
- State-of-the-art sheet extrusion equipment: 24,000 tonnes/annum
- In-line intrinsic viscosity monitoring & tone correction
- Automatic die for thickness accuracy
- Special grades like ESD PET for electronics and PETG rolls for medical devices
- Sheet-cutting for offset printing & box-making
- Available with or without masking in sheets or rolls
- In-house film testing services



Our Offerings

APET	RPET	100% RPET
GAG PET		ESD PET
BARRIER FILM		

Segments We Serve



Our Film Grades



rPET Sheets

Recycled PET sheets for thermoforming, printing and packaging applications.

rPET sheets are the specification-led choice when verified recycled content is non-negotiable —whether driven by EPR mandates, plastic tax obligations, or brand sustainability commitments. Available from 30% to 100% post-consumer content, with batch-consistent IV and EN 15343-aligned recycled content verification. Compliance documentation is already built in.

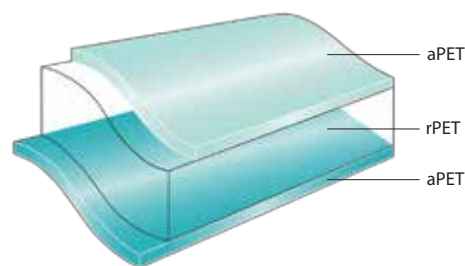


AVI Offerings & Compliance :

- **30% to 90% post-consumer rPET content :** Available at 30%, 50% and 90% —matched to your compliance threshold or sustainability target.
- **~0.62 dl/g or higher Intrinsic Viscosity (IV):** Minimum ~0.62 dl/g, maintained consistently across batches for stable thermoforming performance regardless of recycled content mix.
- **Food-contact compliant grades:** Available with USFDA and EFSA compliance certifications. Full regulatory documentation can be shared during qualification.
- **EPR-ready :** EN 15343-aligned verified recycled content with plastic tax compliance.

Specifications :

Parameter	Detail
Intrinsic Viscosity	(IV)~0.62 dl/g (varies with recycled content mix)
Thickness	150 – 1,000 microns
Width	Up to 1,200 mm
Surface	Silicone / Anti-block / Anti-fog
Colours	Transparent / Opaque
Formats	Jumbo rolls / Slit rolls / Cut sheets / Masked Sheets



Processing Compatibility :

- Thermoforming —vacuum and pressure forming.
- Form-Fill-Seal (FFS) lines.
- Printing and die cutting.
- Downstream conversion.

End Use Applications :

- Food trays, cups, and clamshells.
- Fresh produce punnets.
- Blisters and folding box windows.
- Printing films and binding covers.
- Industrial and ESD trays.

Starlinger deCON — 100% rPET

Decontaminated 100% post-consumer rPET for food-contact packaging.



Starlinger deCON is AVI's decontaminated 100% post-consumer rPET grade, produced through a validated decontamination process for direct food-contact use. For brands that require the highest available recycled content —fully certified and food-contact safe —this is the grade. FSSAI and EFSA certified, EN 15343 verified, and EPR-compliant out of the box.

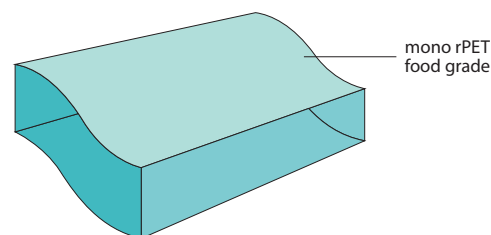


AVI Offerings & Compliance :

- **~0.62 dl/g or higher Intrinsic Viscosity (IV):** Minimum ~0.62 dl/g, maintained consistently across batches for stable thermoforming performance regardless of recycled content mix.
- **100% post-consumer rPET :** Full decontamination validation —confirmed safe for direct food contact.
- **Food-contact compliant grades:** Available with USFDA and EFSA compliance certifications. Full regulatory documentation can be shared during qualification.
- **EPR-ready :** EN 15343-aligned verified recycled content with plastic tax compliance.

Specifications :

Parameter	Detail
Intrinsic Viscosity	~0.62 dl/g
Thickness	200 – 1,000 microns
Width	Up to 1,200 mm
Surface	Silicone / Anti-fog
Colours	Transparent / Opaque
Formats	Jumbo rolls / Slit rolls



Processing Compatibility :

- Thermoforming —vacuum and pressure forming
- Form-Fill-Seal (FFS) lines
- Printing and die cutting
- Downstream conversion

End Use Applications :

- Food trays, cups, and clamshells
- Fresh produce punnets
- Blisters and folding box windows
- Printing films and binding covers
- Industrial and ESD trays

APET Sheets

High-clarity PET sheets for thermoforming, printing, and packaging applications.

APET sets the benchmark for optical performance and forming precision in the PET sheet range. Its higher IV (~0.72 dl/g) delivers greater stiffness and a wider forming window than rPET —the substrate of choice for premium food packaging, pharmaceutical blisters, high-resolution print, and any application where visual quality and forming accuracy are non-negotiable.

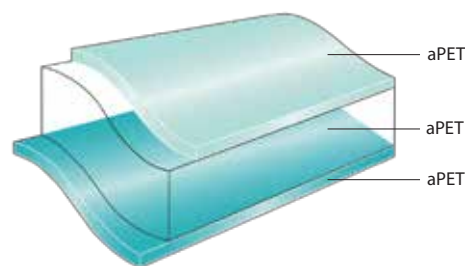


AVI Offerings & Compliance :

- **IV ~0.72 dl/g** : Wider forming window and higher stiffness than rPET grades.
- **Superior clarity and gloss** : Consistent optical performance for premium shelf presentation.
- **Freeze grade available** : Rated to -20°C for chilled and frozen-format applications.
- **Anti-fog grades** : Engineered for fresh food and chilled display retail formats.
- **Widest thickness range in the portfolio** : 150 to 1,500 microns across the full range.
- **In-line surface options** : Gloss, Matt, Embossed, Silicone-coated, Corona-treated.
- **Masking options** : Single-and double-side for offset printing and box-making.

Specifications :

Parameter	Detail
Intrinsic Viscosity	~0.72 dl/g
Thickness	150 – 1,000 microns
Width	40 – 1,300 mm
Surface	Silicone / Anti-block / Anti-fog / Corona-treated / Gloss / Matt / Embossed
Colours	Transparent / Opaque
Formats	Jumbo rolls / Slit rolls / Cut sheets
Temperature Rating	Down to -20°C (freeze grade available)



Processing Compatibility :

- Thermoforming —vacuum and pressure forming
- Printing and die cutting
- Downstream conversion.

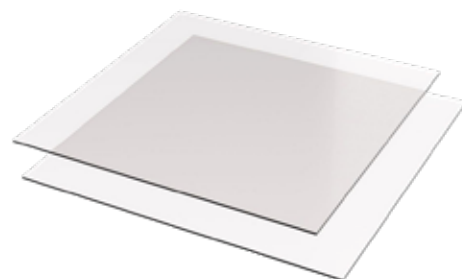
End Use Applications :

- Blister packs and folding cartons
- Food trays and clamshells
- Printing and graphic applications
- Binding covers.

GAG PET Sheets

Co-extruded PET sheets combining sealing performance and cost efficiency.

GAG resolves the trade-off that monolayer sheets cannot: forming performance and sealing performance require different material properties. A 3-layer co-extruded structure —PETG outer skins over an APET core—delivers reliable heat-seal and high-frequency weld performance at the surface, while the APET core provides the stiffness and material economics that full-PETG construction cannot match.

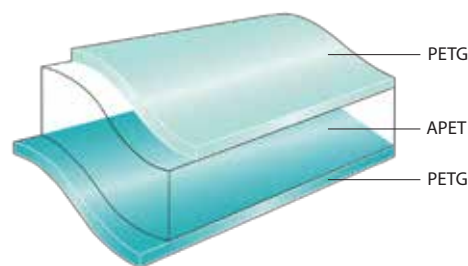


AVI Offerings & Compliance :

- **3-layer PETG / APET / PETG structure** : Sealing performance of PETG at APET material economics.
- **Heat-sealing and high-frequency welding** : Both enabled in a single substrate without structural compromise.
- **Recycled content in the APET core layer** : Available without affecting outer-layer sealing performance.
- **High clarity maintained** : Consistent optical performance across the full co-extruded structure.

Specifications :

Parameter	Detail
Thickness	150 –700 microns
Structure	PETG / APET / PETG (3-layer co-extrusion)
Density	~1.32 g/cm ³
Optical	High clarity
Colours	Transparent / Opaque
Formats	Jumbo rolls / Slit rolls



Processing Compatibility :

- Thermoforming
- Heat-sealing
- High-frequency welding
- Downstream conversion

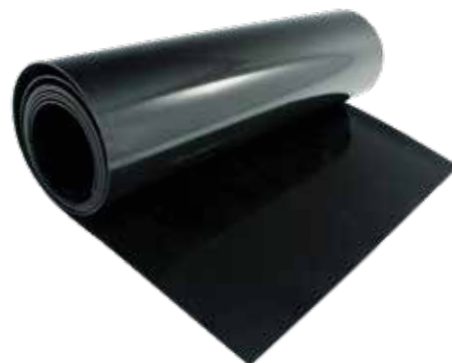
End Use Applications :

- Blister and clamshells
- Sealed and high-frequency welded packs
- Retail display packaging

ESD PET Sheets

Static-dissipative PET sheets for sensitive electronics packaging.

A single electrostatic discharge event can destroy a component that has cleared every other quality gate. ESD PET sheets eliminate that risk by integrating static-dissipative protection directly into the substrate coating —not a topical treatment that degrades with handling. Available on both APET and rPET base, with batch-level resistivity documentation for regulated electronics supply chains.



AVI Offerings & Compliance :

- **Surface resistivity 10^6 – 10^9 Ω /sq** : IEC 61340 dissipative range —tested and documented per batch.
- **Protection built into the substrate coating** : Not a surface spray —performance is consistent across the full roll width and service life.
- **Available on APET and rPET base** : ESD performance without sacrificing recycled content targets.
- **Custom sheet and roll formats** : Compatible with automation lines and magazine-load applications.

Specifications :

Parameter	Detail
Thickness —APET base	200 –1,500 microns
Thickness —rPET base	200 –1,000 microns
Surface Resistivity	10^6 – 10^9 Ω /sq
Colours	Clear / Black / White
Formats	Rolls

Processing Compatibility :

- Thermoforming
- Heat-sealing
- High-frequency welding
- Downstream conversion

End Use Applications :

- Blisters and clamshells
- Sealed and high-frequency welded packs
- Retail display packaging

Barrier Films

Rigid PET-based films for extended shelf life.

For meat, seafood, and dairy applications where oxygen ingress or moisture migration cuts shelf life and drives waste, AVI barrier films deliver EVOH and Nylon interlayer performance in structures validated on the Multivac, Ulma, and Variovac FFS platforms that most operations already run. Shelf life extension without re-qualifying your packaging line.

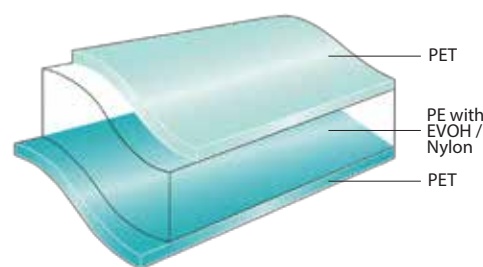


AVI Offerings & Compliance :

- **EVOH and Nylon interlayers** : Barrier properties matched to application OTR and WVTR targets.
- **Easy-peel and lock-seal options** : Both available on the same base structure.
- **Full product visibility** : Transparent construction throughout the pack.
- **Validated on Multivac, Ulma, and Variovac** : Qualification data available on request.

Specifications :

Parameter	Detail
Thickness	200 –600 microns
Structure	PET / PE with EVOH or Nylon barrier layer
Optical	Transparent
Sealing Options	Easy-peel / Lock-seal
Formats	Rolls
Machine Compatibility	Multivac, Ulma, Variovac, and similar FFS systems



Processing Compatibility :

- Thermoforming
- Form-Fill-Seal (FFS) lines
- High-speed packaging

End Use Applications :

- Meat, seafood, and dairy
- Dry fruits and confectionery
- Frozen and processed foods
- Ready-to-eat packaging

Driving Your Sustainability Agenda with rPET

AVI Global is India's trusted PET films manufacturer because we extend the highest sense of responsibility in addressing your machine and packaging needs more sustainably. From preventing marine pollution with ocean-bound PET sheets to embedding verified recycled content with ethically sourced waste, we help you comply with international plastic laws, cut packaging carbon-footprint & claim brand eco-impact more transparently. Learn more about our rPET sheet offerings on pages 5 and 6.

Packaging for Good

Made with up to 100% recycled PET

Verified recycled content by Intertek & SGS

Meets EN 15343 & EU Reg 1616/2022 requirements

High clarity, consistent tone & strength



Fully traceable recyclate with AVI Trace

Lower CO₂ footprint versus virgin materials

REACH, EFSA & USFDA approved

Compliance with global Plastic Tax Laws

Our Sustainability Impact in FY 2025-26



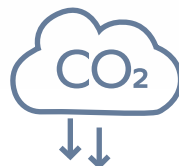
263.5 Million

PET Bottles Recycled



5271 Metric Tonnes

Industrial Waste Recycled



6746 Metric Tonnes

CO₂ Emission Savings



6325 Metric Tonnes

Gasoline Savings

Our Certifications

At AVI Global Plast, we are proud to offer our customers high-quality and compliant packaging that prioritises safety while meeting regulatory and customer requirements. Our manufacturing management systems serve as a testament to our commitment and core values of packing quality with sustainability.



BRCGS Packaging Materials Global Standard (Issue 6)

This benchmark assures that our packaging materials are safe, hygienic for food contact.



ISO 9001:2015

This certification ensures that our quality management system meets customer and regulatory requirements.



ISO 22000:2018

This standard outlines requirements for a food safety management system, helping AVI control food safety hazards throughout our supply-chain and ensure compliance with global food safety standards.



Sedex SMETA 6.1

A globally recognized ethical audit methodology that helps us improve our employment conditions and practices, environmental management and business ethics.



EN 15343

This European standard for plastics recycling traceability and recycled content ensures that plastic manufacturers and packagers meet stringent traceability and recycling requirements. It is essential for regulatory compliance and obtaining tax reductions on non-reusable plastic packaging.



ISO 14001:2015

This environmental management certification demonstrates our proactive approach towards managing our environmental impact in terms of reducing waste, conserving energy and preventing pollution.



ISO 45001:2018

This certification outlines an occupational health and safety (OH&S) management system to prevent work-related injuries & improve our OH&S performance.



Verified Recycled Content

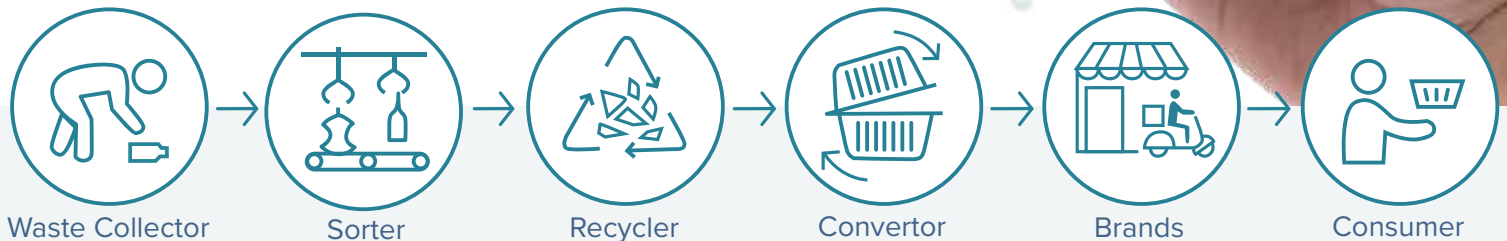
This certification verifies the percentage of recycled material used in our packaging through an independent third-party assessment. It demonstrates traceability in recycled content usage and supports compliance with sustainability and customer requirements

Inspire **Real Change** with End-consumers



Our proprietary rPET traceability platform, AVI Trace, lets brands and consumers track the journey of post-consumer plastic from source to packaging, at the touch of a button.

From authenticating sustainability impact to encouraging better waste management, demonstrate real change with end-consumers through digital proofs and fully-traceable recyclates.



Brand benefits:

- Packaging provenance & chain-of-custody tracking
- Validate recycled material compositions
- Ensure ethical sourcing & fair trade practices
- Measure impact of sustainable actions
- Enhance brand reputation & loyalty

Consumer benefits:

- Access to recycled pack journeys – what it is made of, where did it come from, what eco-impact did it create.
- Circular economy awareness
- Instant authentication of sustainability claims
- Quality & safety assurance



Being Transparent About Recycled Content Claims

Research from across the world shows how consumers have the desire to switch to sustainable lifestyles and purchase choices. However, the same people are increasingly growing aware of misleading sustainability claims, referred to as greenwashing.

By choosing our rPET sheets designed with up to 100% PCR verified by Intertek, our customers can avail opportunities to validate and accurately communicate their recycled packaging compositions to consumers through eco-labels.



Supporting Responsible Employment Practices

AVI follows globally recognized ethical and responsible business practices through SMETA audited systems. This supports transparency across operations while promoting responsible labour, environmental and business practices.



Ensuring Recycled Content Traceability

AVI's recycled PET sheets are supported by certified traceability systems that help verify recycled material usage across the supply chain. This supports transparency in recycled content claims and regulatory compliance requirements.



Managing Environmental Impact

AVI operates under a certified environmental management system focused on responsible resource management, waste reduction and pollution prevention across manufacturing operations.



Strengthening Workplace Safety

AVI maintains an occupational health and safety management system designed to improve workplace safety, reduce operational risks and support safe working conditions across manufacturing activities.



AVI Global Plast Pvt. Ltd.

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