



Avi Vinyls Private Limited has been established in the year 2006, with an objective of manufacturing Calendered PVC films in India. For this purpose it has imported a technologically advanced, L-Type, 5 Roll Calendering Line, with a production capacity of over 400 tons of Rigid PVC Film per month.

Clear Transparent PVC Film is the forte of Avi Vinyls, however we also specialize in a whole range of translucent and opaque colours, targeted at pharma and other segments. Avi Vinyls' state-of-the-art manufacturing facility is located at Daman, India (a Union Territory near Vapi, Gujarat). The plant is professionally managed by a team of highly skilled engineers, specialised in the manufacturing of Calendered PVC Film, who are ably assisted by semi-skilled engineers and workers.

Avi Vinyls' administration office is located at Mumbai, the financial capital of India. This office houses the marketing and finance operations of the company and ensures complete back-end support to the plant to meet its requirements, and timely handling of issues and problems.

Avi Vinyls' employs over 45 skilled, semi-skilled and unskilled personnel, for ensuring maximum customer service and product quality. We have qualified engineers operating and maintaining the plant, as well as a qualified team of quality control personnel, to ensure that only the best quality products leave the factory. The two locations are connected, alive at all times through web-based ERP system, to assist in following the progress of order process and customer updation.



Mission Statement

To be the leading global PVC Films manufacturer through consistent product quality and performance, constant innovation, research and development. To meet and surpass customer requirements and offer technical expertise to assist customer development. To build up a work atmosphere that exudes Honesty, Trust and Care and drives us as a team to turn our vision into a reality.





Avi Vinyls offers a wide range of Rigid PVC Films to meet the varied requirements of the packaging market. We guarantee the best film quality by the utilization of selected raw materials, consistency of formulations and by adhering to extensive quality controls, including online thickness checks.

The entire production process of Avi Vinyls films is conducted by adhering rigorously to assurance standards, which enables us to achieve consistently high product quality. The PVC Film manufactured by Avi Vinyls is completely Non-Toxic and complies with International Guidelines and Standards prescribed for contact of plastics with foodstuff, pharmaceuticals and drinking water certified by CFTRI. Besides our films have also passed the Biological Test certified by ITALAB. This makes our PVC Film ideal and safe for use in food and pharma packaging.

Our complete range of PVC Films conforms to International quality standard demands with respect to gas, fumes and smell. Avi Vinyls' PVC films are free of cadmium and lead stabilizers. Our PVC Films are Plasticizer Free, Calendered Rigid Films, available in a wide range of thicknesses and colours. Avi Vinyls' range of Rigid PVC Films can be used for a host of applications and uses, including pharmaceutical blister packaging, food packaging, speciality thermoforming, box making, printing and stationery.

- ✓ Our films can be thermoformed, welded, sealed, printed or laminated and offer good chemical resistance and optimized protection. Our film quality ensures hassle-free and convenient processing on all types of machines
- ✓ Excellent printability with all common printing methods
- ✓ Available in a range of tints and transparent and opaque colours
- ✓ Range of surface finishes (Glossy/ Matt)
- ✓ Available in rolls and sheet form

General Specifications of the PVC Films

Thickness range	120 to 800 microns (0.12 to 0.80mm)
Maximum Width	1000mm (1 meter)
Colours	All translucent and opaque colours
Thickness Tolerance	± 2.5% for higher thickness and 5% for thickness lower than 250 microns
Width tolerance	± 2mm
Surfaces	Gloss / Gloss, Matt / Gloss, Emboss / gloss





AVIFORM GENERAL PURPOSE THERMOFORMING

In today's times of retail boom, visual appeal of a product on the shelf is usually the decision-making factor for the customer in a supermarket, mall, etc. In the milieu of a wide range of similar products calling out to the customer, clear, transparent packaging has become a necessity for most product.

For ensuring durable and aesthetically appealing retail packaging applications, Avi Vinyls services the packaging and thermoforming industry with its specially formulated and manufactured AVIFORM range of Rigid PVC Films. The necessity of protecting the consumers' product while generating shelf appeal demands the quality of AVIFORM PVC Film. Whether you are producing clamshells, face-seal blisters or contoured shapes, AVIFORM films deliver brilliant clarity, superior protection, and the convenience of a single, impact-resistant package. AVIFORM PVC Films are also available with Anti-Static properties for packing electronic components and products.

Aviform PVC Films are characterized by the following properties:

- ✓ Excellent clarity & transparency
- ✓ Excellent thickness control
- ✓ Excellent formability (normal & deep-draw packages)
- ✓ Superior sealing
- ✓ Excellent impact strength
- ✓ Cold-crack resistant for exports to low temperature countries
- ✓ Smooth cutting
- ✓ Higher processing yields
- ✓ Option of Anti-Static films

Technical Specifications

Product	Thermal Shrinkage DIN 53377		Impact Strength (KJ/M ²) DIN 53448	Density (gm/cm ³) DIN 53479	Tensile Strength at break (N/mm ²) DIN 53455
	Longitudinal (%)	Transverse (%)			
TH 901	-6	+/- 2.0	≥350	1.37	≥50
TH 902	-6	+/- 2.0	≥450	1.36	≥48
TH 903	-6	+/- 2.0	≥550	1.33	≥45
TH 909	-6	+/- 2.0	≥650	1.31	≥43





AVIBLIS PHARMACEUTICAL BLISTER PACKING

Avi Vinyls specializes in the manufacture of Rigid PVC Films for packaging pharmaceutical products under the brandname "AVIBLIS". AVIBLIS PVC Films are ideal for packing tablets, capsules, injectable syringes and a host of other medical accessories. Blister packages made of AVIBLIS PVC Film provide superior product protection, reduce total packaging costs and allow for compliant package designs. This ensures the medicine's long shelf life and excellent barriers against moisture and gas. Consumers get maximum product efficacy, convenience and ease of use.

Avi Vinyls can supply all standard pharma colours and is equipped and ready to customize and supply any colour that may be required by the pharmaceutical companies. Our R&D team ensures perfect colour matching on a consistent basis in every supply. AVIBLIS PVC Films can be customized for blister packs having different draws, designs and shapes.

AVIBLIS PVC Films are characterized by the following properties:

- ✓ Meeting prescribed regulations
- ✓ Superior thickness control ensuring higher yields
- ✓ Excellent formability
- ✓ Excellent shrinkage control
- ✓ Excellent impact strength
- ✓ Excellent moisture & gas barrier properties
- ✓ Superior hygiene
- ✓ Manufactured under controlled environment as per regulations
- ✓ Perfectly accurate slitting
- ✓ Joint free rolls
- ✓ Superior sealability to a range of backing materials
- ✓ Lowest migration levels
- ✓ Available in a range of tints & colours

Technical Specifications

Product	Thermal Shrinkage DIN 53377		Vicat Softening Point (ded. Cent.) DIN 53450	Density (gm/cm ³) DIN 53479	Impact Strength (KJ/M ²) DIN 53448	Tensile Strength at break (N/mm ²) DIN 53455
	MD (%)	TD (%)				
BL 900	-5	+/- 2.0	73	1.37	≥350	≥50
BL 902	-5	+/- 2.0	75	1.36	≥450	≥48





AVIFOOD is a special grade of Rigid PVC Films manufactured by Avi Vinyls for packaging foods for longevity. Superior hygiene and lowest migration levels ensure that the PVC film is non-toxic and safe for the food products, which are prevented from getting contaminated in any form.

Packaging in the form of clamshells and trays for takeaway, fast foods and single-portion packaging has become hugely popular and common, not just in developed countries but also developing countries. Due to its economies, transparency and barrier properties, PVC Film is the most common plastic used for packaging food products. Packing food products in packages made of AVIFOOD films ensures long-lasting freshness, longer shelf life, better colour retention and superior protection. Excellent moisture and gas barrier properties ensure minimal spoilage and long life.

Above all, AVIFOOD range of PVC Films help to enhance the presentation of the packed good to the final customer!

AVIFOOD PVC Films are characterized by the following properties:

- ✓ Non-Toxic
- ✓ Cold resistant
- ✓ Excellent moisture & gas barrier properties
- ✓ Superior hygiene

Technical Specifications

Product	Thermal Shrinkage DIN 53377		Impact Strength (KJ/M ²) DIN 53448	Density (gm/cm ³) DIN 53479	Tensile Strength at break (N/mm ²) DIN 53455
	Longitudinal (%)	Transverse (%)			
TF 901	-6	+/- 2.0	≥350	1.37	≥50
TF 902	-6	+/- 2.0	≥450	1.36	≥48
TF 903	-6	+/- 2.0	≥550	1.33	≥45





AVIBOX range of Avi Vinyls' PVC Film offers superior clarity which is absolutely essential for making clear transparent PVC Boxes for packaging consumer goods. Along with excellent clarity, AVIBOX film ensures perfect printing to enhance the appearance of the package. Crystal clear packages made of AVIBOX film deliver exceptional gloss and high impact strength for enhancing the aesthetics and value of the product.

The film offers ease in processing, negligible rejection and added shelf appeal. Consumers get maximum product visibility, which is the clincher for making the final product selection. AVIBOX films have high impact content to provide for clean and crisp die-cutting. This ensures that there are no rough edges after punching the film and the boxes are smooth for handling by the consumers. Produced under tightly controlled conditions and with months of development and testing, this new grade of Super-Clear film will meet your most critical demands and requirements.

AVIBOX PVC Films are characterized by the following properties:

- ✓ Excellent clarity & transparency
- ✓ High gloss
- ✓ Non crease whitening lines
- ✓ Available in Sheet form without curvature or off-cuts
- ✓ Smooth die cutting
- ✓ Non-sticky for speedy automatic die cutting
- ✓ Superior sealing/ welding
- ✓ Excellent printability with all common printing methods
- ✓ Excellent impact strength
- ✓ Surface options

Technical Specifications

Grade Unit Standard	Density (gm/cm ³) DIN 53479	Impact Strength (KJ/M ²) DIN 53448	Tensile Strength at break (N/mm ²) DIN 53455
BX 905	1.36	≥500	≥58
BX 906	1.36	≥550	≥45
BX 907	1.36	≥650	≥43





AVIPRINT range of PVC Films are ideal for high speed Offset, Gravure, Flexo and Screen Printing of Cards, POP Displays and other General Printing Applications. AVIPRINT range of PVC Films is Corona Treated online to increase the surface tension, making it highly receptive to inks. This helps in achieving high quality and long lasting printing.

AVIPRINT is extremely conducive for use in Credit Cards, Calling Cards (Telecom Cards) and other kinds of PVC cards, which are printed and die cut for various uses and applications. AVIPRINT has very effective thermoforming properties for use in POP Displays. In this case, the film is first printed and then thermoformed for giving an embossed look to the relevant parts of the print.

AVIPRINT is supplied in sheet form, cut to the exact required size, to ensure ease in printing and to minimize wastage.

AVIPRINT Films are characterized by the following properties:

- ✓ High gloss
- ✓ Excellent registration
- ✓ Exact dimensions
- ✓ Available in sheet form
- ✓ Chemical resistant
- ✓ Oil, grease and moisture resistant
- ✓ Available in all transparent, translucent & opaque colours





AVISTAT is a special stationery grade material for use in stationery products like files, folders, binders, etc.

AVISTAT is available in a wide range of colours and surfaces commonly used for files and folders - glossy, matt and embossed. We can offer the same surface on both sides or combination of the above.

AVISTAT Films are characterized by the following properties:

- ✓ Offered in Sheet or Roll Form.
- ✓ Options of different levels of tensile strength.
- ✓ Range of Surfaces.
- ✓ Available in all transparent, translucent & opaque colours.



AVIGEN is a general grade of Avi Vinyls' PVC Film range, suited for a host of applications apart from the standard thermoforming and box making applications. Due to its excellent clarity, thickness control, superior adhesion, etc. AVIGEN is ideally suited for general purpose applications, including:

- ✓ Hang tabs.
- ✓ Windows in duplex board cartons.
- ✓ Collar bands.
- ✓ Jewellery cards.
- ✓ General die-cut products.

AVIGEN PVC Films are characterized by the following Properties:

- ✓ Excellent clarity and transparency.
- ✓ Smooth cutting.
- ✓ Superior sealing.





CREATING A BETTER TOMORROW

Quality Control

Avi Vinyls has a state-of-the-art in-house R&D laboratory, highlighting our commitment to quality and constant development to meet and surpass customer requirements and expectations. The laboratory is well equipped for conducting the relevant tests on every roll manufactured on the calender, before and after the slitting stage. The PVC Film is tested for impact strength, gloss, transparency, thickness variation, colour and tone consistency and other chemical and analytical tests, using state-of-the-art equipment installed in the laboratory.

The quality control in the lab forms the backbone of our plant and ensures only the best quality material leaves the factory and any discrepancy in customer requirements is caught at the right time and the material is rejected in-house before causing problems at the customer's end. In addition to mere testing of finished goods, Avi Vinyls is committed to carrying out continuous R&D in its endeavor to develop new and improved grades of PVC Film to offer most efficiently performing products to our customers. In this sense, we attempt to be proactive rather than merely reactive to customer needs. We are consistently in touch with additive and other raw materials suppliers to test their product performance and dosage to develop the grade best suited to even individual customers as per their specific requirements.

Our Team

As a responsible citizen of India and the world, it is the constant effort at Avi Vinyls to ensure that people everywhere benefit from the safe use of PVC and PVC products. As a results, we are engaged in a constant quest for efficient processing techniques, cost-effective manufacturing, safer working conditions and products that more accurately meet customer needs. Our objective is to build an organization that is profitable and sustainable, working for the ultimate long term benefits of our business, our employees and our world.

Environment Concerns

The environmental debate over PVC has been persistent since the 1970's. Within this, some environmental groups have fiercely campaigned against PVC as part of a wider campaign against all chlorine chemicals.

Despite the above, considering the advantages and proven ability to make non-toxic PVC, the demand for PVC and PVC products has increased multiple fold in past couple of decades. There have only been a few isolated examples of PVC substitution by alternative materials and some of these have been for reasons of technical performance rather than environmental or brand image considerations. In fact, PVC products have been successful in substituting alternative materials (PVC Windows). The net overall effect has been that the market for PVC has continued to advance at rates that approximately match economic growth.

It as our endeavour as a responsible citizen of the world, to ensure that PVC is an environment friendly and cost effective material.

