



We make the earth a greener place



We make the earth look green,As the industries look clean.

Climax Synthetics Pvt. Ltd. is one of the leading manufacturers of wide width HDPE Sheets and Geomembranes, HDPE Pipes & Fittings, LDPE Films / Sheets, U.V. Stabilized films (Green House Films). Incorporated in the year of 1974, **Climax** is an ISO 9001:2000 company with a total production capacity of 14,000 M.T. and an annual turnover of over Rs. 610.6 million. We are proud to be associated with well-known names like Indian Petrochemical Corporation Limited (IPCL), GAIL (India) Ltd., as our business associates for the past 25 years. A passion for environmental protection, and a sincere endeavor to excel towards perfection has won us several accolades in our glorious past of over three decades. This is the result of the sincere efforts of our dedicated team working together for a common mission - To meet our customers' expectations, and provide high quality products and services for Environmental Protection, preserving precious Water Resources, and for Agricultural applications.

Objective

"To give impeccable service through on-time delivery, followed by a regular survey of quality, and product development."

Quality Policy

"To give maximum customer satisfaction through quality products and services, as per the global standards, at economic rates."



Memberships

- The Plastics Export Promotion Council (PLEXCONCIL)
- Indian Plastics Institute (IPI)
- International Geosynthetics Society (IGS)
- Gujarat State Plastic Manufacturers Association (GSPMA)
- Saurashtra Plastics Manufacturers Association (SPMA)
- The Associated Chambers of Commerce and Industry of India (ASSOCHAM)
- Vadodara Chamber of Commerce and Industries (VCCI)
- Federation of Gujarat Industries (FGI)
- Builders' Association of India (BAI)



Plant & Quality Control

- Plant** : Extrusion process with German state-of-the-art technologies
- Quality Control** : Full-fledged lab to check quality round-the-clock. Our team takes meticulous care of every aspect of Production & Quality Control. This is achieved by the below-mentioned methods followed on a regular basis:
- a) Inspection**
- Pre-process inspection
 - In-process inspection
 - Finished Goods inspection
 - Online Field inspection
- b) Project Duties**
- Studying the layout plan
 - Customer-interaction for all aspects
 - Coordinate with clients, consultants, and contractors
 - Implementation of staffing, equipment and operational plans
 - Regular meetings

The earth needs more green acres,
Thanks, we aren't just another product-maker!



PE Products

Properties:

- Lightness
- Flexibility
- Puncture resistance
- Deformability, conformability to the soil
- Weldability, seamability
- Low co-efficient of thermal expansion
- Critical friction angle
- Ageing & weathering
- Inert material
- Non-toxic

Strengths:

- Environmental stress and crack resistance
- Water resistance
- Chemical resistance
- UV & Thermal Weathering resistance
- Confirmation to sub-soil movements
- Tear resistance
- Puncture resistance
- Repairable
- Recyclable
- Low permeability





U.V. Stabilized Films

Thickness range :
75 micron to 400 micron
(0.075 mm. to 0.4 mm.)

Size : Tailor-made (Max: 12 mtrs.)

Climax UV Films have proven to be highly economical and effective in controlled environmental agriculture. This is especially visible in green houses and low tunnels.

Advantages

- Protects crops from bad weather conditions
- Better germination, plant growth, and crops grow fast
- Improved quality and quantity of produce
- Use of water is optimized and there is reduction in its consumption by 40 to 50 %
- Incidence of disease and pests is reduced or eliminated
- Crops can be grown throughout the year
- Best technology for commercial production of high value crops like, fruits, flowers, vegetables, medicinal plants, tissue culture etc.
- Effective for solar drying of farm produce

We nurture the nature



Applications

Green Houses

Covering is the most important factor in a green house. Furthermore, physical durability and optical stability are other critical factors. But maximum sunlight transmission, is none the less a very important criteria. Climax UV Films have already replaced the traditional glasses used in green houses, which are not only risky and short-lived, but also expensive.



Low Tunnels

The Climax polyethylene films are resistant to puncture, rodents and micro-organisms. The smooth, uniform, flexible waterproofing membrane ensures that the tunnel is dry, and hence, lowers its maintenance cost, and extends its life span.

CLIMAX
SYNTHETICS Pvt.Ltd.



*There's a light at the end of every dark tunnel.
true, the light of Climax technology.*



Mulching Films

Mulching is one of the simplest and most beneficial methods that enriches, as well as protects the soil, helping it to provide a better growing environment. The soil is covered with plastic film to conserve moisture, prevent weed growth, and modify the soil temperature. This is called mulching. Climax manufactures mulching films to increase the yield and plant productivity by 25-200% depending upon the crop.



Advantages:

- Improves product quality
- Prevents weed growth
- Saves on fertilizers and pesticide costs when used in conjunction with drip irrigation
- Leads to better root development and a cleaner crop
- Maintains soil moisture leading to reduced need for irrigation by up to 70%
- Improved seed germination
- Mulching maintains soil structure and enhances carbon dioxide levels leading to improved photosynthesis
- Mulching provides barrier to soil pathogens and keeps fruits off the soil



Climax buries all your turnkey worries.



Turnkey Solutions & Installations

Industrial / Municipal dumping is no longer a problem today. Climax provides you with an advanced technology that gives you perfect turnkey solutions, as well as field installation. We have successfully executed a number of projects for various applications such as ponds, rainwater-harvesting systems, Industrial Hazardous Solid Waste management as well as Municipal Solid Waste landfills. We have a dedicated team to carry out all the necessary Geo-synthetic and Pipeline jobs across the country. Be it liquid, or solid industrial wastages, we make it sure that they would not bother you anymore. Thanks to our unparalleled products, like HDPE pipes, which carry your liquid Industrial sewages conveniently enough to enable you to concentrate on other important areas of your Industrial unit. Hence, all your turnkey problems are buried under the ground, without disturbing the environment.

The earth hides the secrets of its glory beneath its soil,
It's where our sheets hide Climax success story.





List Of Clients & Business Associates, To Name A Few:

- ABB Ltd.
- Associated Cement Corporation Ltd.
- Atomic Energy Dept. (BARC)
- Bharat Petroleum Corporation Ltd.
- Birla VXL Ltd.
- BSNL
- CADA - Haryana
- CCL Flowers Ltd. - Bangalore
- Central Warehousing Corporation
- Confed - Haryana
- Crystal Agritech Ltd. - Bangalore
- Deccan Flora Ltd. - Pune
- DGSD - Haryana
- Director of Relief West Bengal, Bihar, Orissa, Assam, Arunachal Pradesh, Northeastern regions
- Essar Group
- Finolex Pipes Ltd.
- Gammon (I) Ltd.
- MTNL
- Food Corporation of India
- Gannon Drunkley
- Global Agritech India Pvt. Ltd.
- Gujarat Alkalies & Chemicals Ltd.
- Hindustan Antibiotics Ltd.
- Indian Petrochemicals Corporation Ltd.
- Indian Oil Corporation Ltd.
- Irrigation Dept. of Gujarat, M.P., Rajasthan, Maharashtra, Punjab, U.P., Orissa, West Bengal, Haryana, Kamataka and A.P.
- ITC Bhadrachalam
- Indian Space Research Organization
- Jindal Ltd.
- Larsen & Turbo Ltd.
- Markfed - Punjab
- Markfed - Orissa
- National Thermal Power Corporation Ltd.
- National Building Construction Company Ltd.
- Neyveli Lignite Corporation Ltd.
- National Hydro Electric Power Corp. Ltd.
- Oil & Natural Gas Corporation Ltd.
- Paramount Ltd.
- Punjab State Civil Supplies Corporation Ltd.
- Pungrain
- Punjab Agro Food Grains Corporation Ltd.
- Pune Municipal Corporation
- Punjab State Warehousing Corporation
- Simplex Concrete Piles (I) Ltd.
- Steel Authority of India Ltd.
- Reliance Industries Ltd.
- Tata Iron & Steel Co. Ltd.
- Tata Projects Ltd
- Tuticorin Alkalies, Chemicals & Fertilizers Ltd.
- United Shippers Limited
- Volhas Ltd.



Exports

- Al Reem Ceilings & Fibre Glass Factory
- Al Thail Trading & Construction
- Water Resources Dept. - Nepal (ADB Project)

CLIMAX

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