



Leno Bags

The answer for zero-wastage,
hygienic packaging



Reliance Industries Limited

Reliance Industries Limited is India's largest private sector company and the only private sector company from India to feature in the 2005 Fortune Global 500 list. The Group's activities span exploration and production of oil and gas, petroleum refining and marketing, petrochemicals (polymers, polyester, fibre intermediates and chemicals), retailing and textiles.



Polypropylene

Being the 7th largest manufacturer of Polypropylene (PP) in the world and with a capacity of over 1.8 MMT per annum, Reliance Polymers offers a wide range of Homopolymer, Random and Impact Copolymer grades.

Homopolymer grades from Reliance Polymers are available in a wide range of melt flows and molecular weight distribution. They are used extensively in flexible applications used for commodity and industrial packaging (TQPP, woven fabric, BOPP and Cast Film). Special grades are available for fibre and filament, extruded sheet and thermoformed applications.

Reliance Polymers has customised Impact Copolymers that are available in a diversified range of Impact and MFI to suit the needs of injection moulding, thermoforming, blow moulding, extrusion coating and compounding. Random Copolymers with improved strength are available for plumbing pipes and those with excellent contact clarity for injection moulded sheets and blow moulded applications.

Reliance Polymers

Reliance Polymers is one of the world's largest producers of polymers with a current capacity of 3.5 MMT per annum and massive expansion plans underway. It operates world-scale plants for Polypropylene (PP), Polyethylene (PE) and Polyvinyl Chloride (PVC) using state-of-the-art technology and setting global benchmarks in product quality and services.

A wide range of grades in each of the categories provides diverse applications across packaging, agriculture, automotive, housing, healthcare, water and gas transportation and consumer durables. Superior technological strengths, strong focus on R&D, latest IT-enabled services to support supply chain management, and end-to-end solutions offered across the value chain, bear testimony to its commitment to customer satisfaction.





Applications

- Vegetables: Onions, Garlic, Potatoes, Brinjals, Cabbages and Ginger
- Fruits: Oranges, Sweet lime and Pineapples
- Cash crops: Groundnuts, Areca nuts and Coconuts
- Tendu leaves and Tea leaves
- Anti-hail nets, Seafood harvesting and Fruit covers
- Bird protection covers for orchards
- Negligible wastage and spillage of fruits and vegetables
- Excellent resistance to impact and handling abuses
- Provides easy visual inspection of packed contents
- Power saving for cold storage owners
- Compliant with international quality standards for exports.

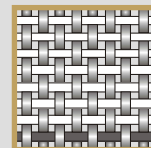
Leno Bags - Packed with advantages and benefits

- Safe and hygienic packaging for horticultural products, consumables and perishables
- Lightweight and durable
- Excellent breathability for the produce
- Does not impart odour to packed fruits and vegetables
- Resistant to moisture
- No fungal growth, either on the bag or in the packed contents
- Prevents sweating/rotting of agricultural produce

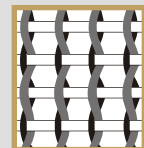
Leno Bags - Technical features

The Leno Weave

Leno is a kind of weave in which adjacent warp tapes are twisted around consecutive weft tapes to form a spiral pair, effectively locking each weft in place. A bag made from such fabric is called a Leno Bag whose prime characteristics are good aeration and strength.



Plain Weave



Leno Weave

Features

- Bags are made on Circular/Flat Weaving Leno Looms
- Flexibility from 12 inches to 80 inches in width and in any length
- Denier of tapes will be 600-650
- Mouth sewing will be seam or overlocked/chain stitching
- Available in a wide range of colours
- Easy labelling, lamination and printing.



Value-added services from Reliance Polymers

Reliance Polymers offers value-added services to existing and potential manufacturers of Leno Bags:

- Support to entrepreneurs for selection of machinery/ looms with advanced features
- Market Development / Market Extension
- Promotional programmes for better awareness to farmers/traders and other end users
- Facilitate certification/approvals from nodal agencies.



With a wide range of available sizes (5kg/10kg/25kg/50kg), colours and styles, Leno Bags fit your every packaging need.



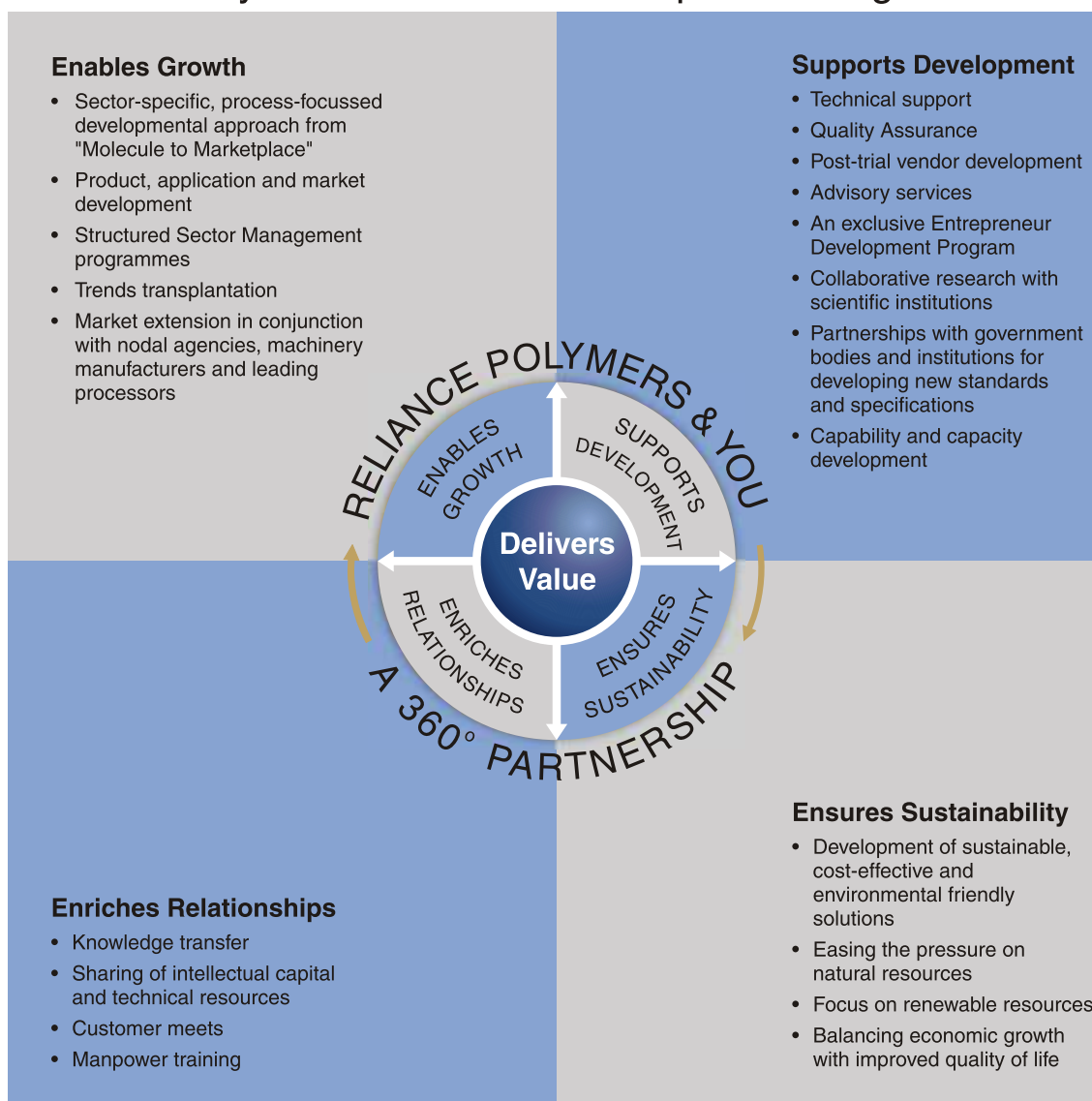
The need of the hour

According to a study conducted by CII and McKinsey, 40% of fruits and vegetables produced do not reach the consumers. Most of this loss occurs during storage, handling and transportation, through wastage and spillage. This is not just a loss to the farmers, traders and the consumers, but also to the entire nation.

The need therefore is for better packaging that can bring more of what is produced with higher efficiency to the consumer, without wastage. The solution lies in Post Harvest Technology (PHT) – quality packaging of the produce during transportation and storage. This is where Leno bags come into the picture, fulfilling a very important function – a need for world-class, next-generation packaging in line with the nationwide thrust on enhancing an efficient post-harvest and supply-chain of horticultural produce. Moreover, as a result of the retail boom, there has been a growing demand for PP Leno Bags that are replacing traditional packaging materials. In fact, Leno is becoming the most preferred packaging material, both in domestic and international markets.



Reliance Polymers – 360° Partnership Delivering Value



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