Seaworthy Packaging System



4-Time WORLDSTAR Award-Winner
Suprabha Seaworthy Packaging System



We believe in the Life Cycle Assessment of products to ensure minimum ecological footprint through best in class research and innovation. Our faith in the green mantra of "Reduce – Reuse – Recycle" keeps us in search of state-of-the-art technology in Corrosion Prevention and Packaging systems"

P. R. Bantwal

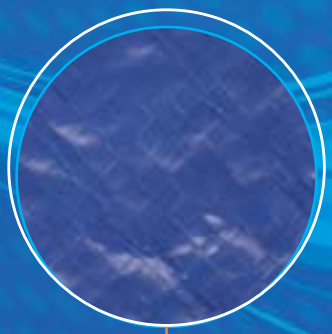
Chairman & Managing Director



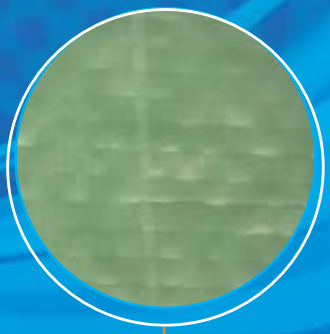
Suprabha Seaworthy Packaging System



Suprabha Transparent Seaworthy Packaging System



Suprabha Seaworthy Packaging System for Open Deck Transportation



Suprabha Seaworthy Packaging System for Steel Coil

Suprabha
Bio-Degradable Desiccants

Eco-friendly, non-toxic products like atmospheric conditioners and clay-based dehumidifiers figure prominently amongst products that form an integral part of the Seaworthy Packaging System.

BIODEGRADABLE















Suprabha Seaworthy Packaging System

Suprabha Seaworthy Packaging System demonstrates how innovation need never stop.

By utilising the inherent strength of Vapour Corrosion Inhibitors (VCI) in the form of packing material, rust-preventive oils, water-based liquids, gels, desiccants and tablets, this system ensures corrosion-free delivery of high-value engineering components to overseas destinations. Operating at two levels of protection, the system provides a superior barrier material on the outside while conditioning the entrapped atmosphere inside the packing.

- Economical and effective packaging
- Airtight and waterproof packaging
- Savings by eliminating the need for vacuum packaging
- Packaging of merchandise in any shape or size is possible
- Potential of reuse and recycling
- 6 months to 10 year protection

RECYCLE





Suprabha

Transparent Seaworthy Packaging System

Customs authorities at sea-ports are frequently required to open consignments for a thorough inspection. Subsequently, if the package is not appropriately sealed, moisture and contaminants are likely to damage the contents. To address this potential problem, Suprabha has introduced a Transparent Seaworthy Packaging System. This facilitates an easy view of the package contents, without the risk of damage.

A transparent barrier material enables a quick view of the packed contents without having to undo the package. This solution-oriented Seaworthy Packaging System has VCI Rustofilm on the inner cover and normal LDPE film on the outer cover. Both covers are made of virgin-grade LDPE granules. Suprabha Rustopowder and Suprabha Dehumidifier, placed between the cover, further reduce the level of moisture ingress and protect contents from corrosion.

- Ease of inspection at ports
- A double-layered robust system
- Heat-sealable and water-proof package
- 8 to 10 month protection
- Cost effective packaging solution
- Reusable packaging material

RECYCLE





Suprabha

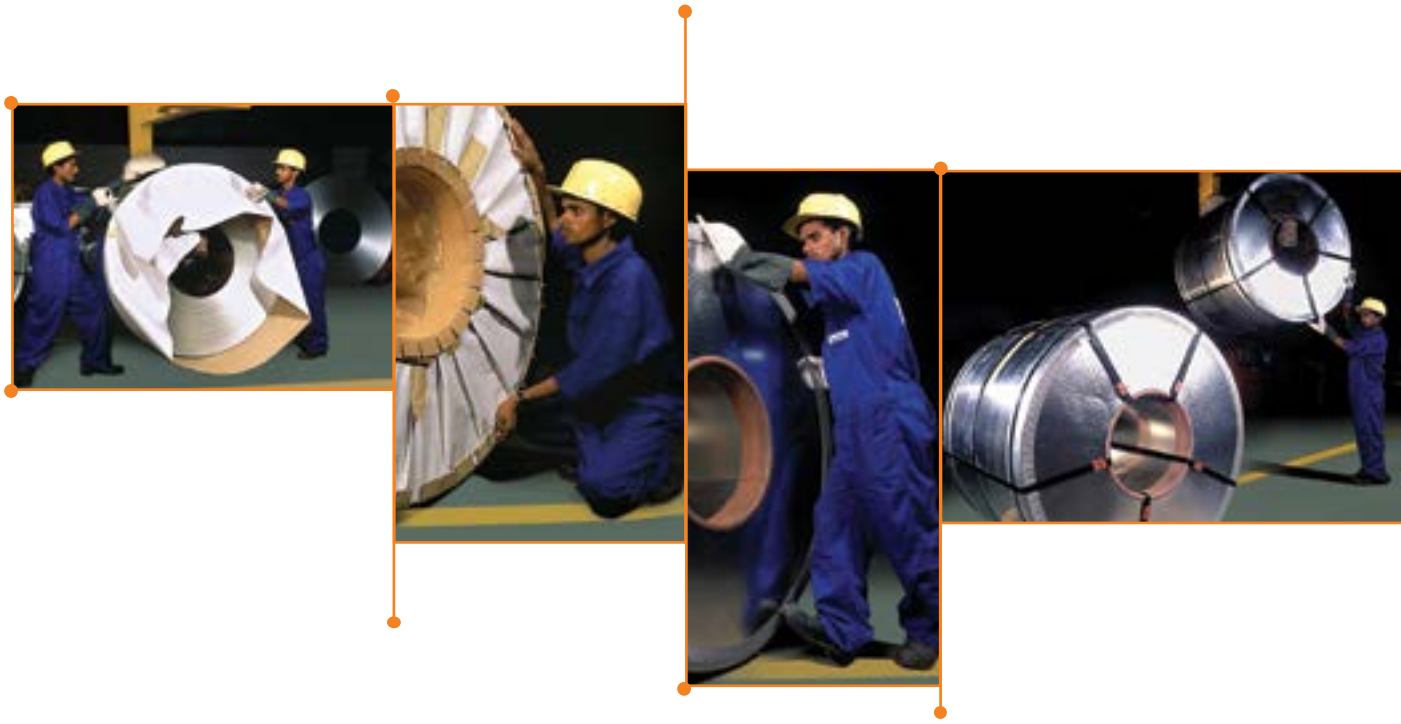
Seaworthy Packaging for Open Deck Transportation

Large, unwieldy shipments such as power plants, turbines or heavy machinery that don't fit into shipping containers, travel on the open deck. The Suprabha Open Deck Seaworthy Packaging was conceived to protect such over-sized consignments from the forces of nature, including destructive sea-water splashes. Three layers of barrier materials with an adequate quantity of desiccants for rust-prevention and dehumidification minimise moisture condensation inside such large shipments. The outermost layer of this compound package comprises loops to fasten nylon ropes. Nylon ropes along the exterior not only bolster the package but prevent package ballooning due to wind velocity.

- 360° protection to large shipments
- Triple-layered barrier material to sufficiently protect packages
- Non-toxic, recyclable materials
- Protection to multiple metals
- Compound packages that are easy to dispose of
- Cost reduction to the tune of 25 - 30%

RECYCLE





Suprabha

Seaworthy Packaging System for Steel Coil

Conventional packaging methods, employed by steel mills to pack MS and GI coils or sheets, are both ineffective and expensive. The use of polythene strips or Hessian cloth creates gaps between overlapped layers, allowing moisture and air to reach the metal surface, eventually leading to corrosion.

Suprabha presents a state-of-the-art solution specifically for packaging steel coils. In place of polythene strips, a sheet of multi-layered VCI of chemical-treated paper is wrapped around the coil as the primary packing material. Based on the product and its destination, a secondary application of edge guard, strapping and metal foil packing may follow. The superior protection provided by Suprabha's Steel Coil Packaging System ensures factory fresh condition of coils when delivered to the end user. In addition, this system works out to be much more economical than conventional methods.

Suprabha has successfully used this system for about 15 years, when they introduced it to overcome the rusting problem faced by automobile manufacturers. Offered then for the first time ever across the globe, Suprabha's steel coil packaging system has stood the test of time as a pioneering zero-defect system.

- This method of single sheet wrapping:
  - Minimises metal exposure to moisture
  - Reduces packaging material requirement by 30%
  - Offers major savings in cost owing to the use of lesser material and the ease of disposal
- Anti-corrosive treatment furthermore cures entrapped atmosphere
- Zero- rejection is assured
- No specialised skills or tools are required

RECYCLE



Suprabha Awards

Suprabha is the first VCI manufacturer in the world to have received the ISO: TS 16949 accreditation in the category of anti-corrosive packaging.

Chemicals used are registered under REACH and are RoHS compliant.

The Suprabha Seaworthy Packaging systems conform to all international packaging norms. Since 2004, Suprabha has consistently received the INDIASTAR and the WORLDSTAR awards under the 'Best Packaging System' category.

WORLDSTAR 2013 from WPO

Suprabha Seaworthy Packaging System for Packaging Cotton Bales

INDIASTAR 2O12 from IIP

Suprabha Seaworthy Packaging System for Packaging Cotton Bales

IFCA STAR 2O11 from IFPFCMA

Suprabha Seaworthy packaging System for Packaging Steel Coil

WORLDSTAR 2010 from WPO

Suprabha Seaworthy Packaging System for Packaging Steel Coil

INDIASTAR 2010 from IIP

Suprabha Seaworthy Packaging System for Packaging Steel Coils

WORLDSTAR 2008 from WPO

Suprabha Seaworthy Packaging System for Open Deck Transportation

INDIASTAR 2008 from IIP

Suprabha Seaworthy Packaging System for Open Deck Transportation

WORLDSTAR 2006 from WPO

Suprabha Transparent Seaworthy Packaging System

INDIASTAR 2006 from IIP

Suprabha Transparent Seaworthy Packaging System

INDIASTAR 2004 from IIP

- Suprabha Seaworthy Packaging System
- Eco-friendly, Biodegradable Desiccants


EXCELLENCE IN
STAR 2011
WORLDSTAR
AWARD FOR PACKAGING EXCELLENCE
Suprabha Protective Products Pvt. Ltd.
Suprabha seaworthy packaging system
for Open Deck Transportation
2008
WORLDSTAR
WORLDSTAR
AWARD FOR PACKAGING EXCELLENCE
Suprabha Seaworthy Packaging System
for Packaging Steel Coils
2010
WPO
WORLD
PACKAGING
ORGANISATION
Honouring
Suprabha Protective Products
Pvt. Ltd.
for
Suprabha's Seaworthy Packaging
System developed for "Packing
Cotton Bales"
2013
Award for Packaging Excellence

Suprabha's Growth Trajectory

Suprabha's tryst with anti-corrosion dates back to the '70s with its ground-breaking innovation of eco-friendly Vapour Corrosion Inhibitor (VCI).

VCIs heralded a new era in the world of anti-corrosion solutions and Suprabha became India's first eco-friendly VCI provider. Better known today as a Corrosion Solutions provider, Suprabha :

- Is an INR 750 million organization with an ISO: TS 16949 certification
- Has numerous innovations and awards to its credit
- Is at the forefront of technology
- Emphasizes on research at the core of its mission
- Places superior quality, customer satisfaction and an environment-caring attitude at the top of its strategic agenda

With deep insights into the corrosion realm and a competent team to steer its growth, Suprabha has captured a major share of the Indian market. This Corrosion Solutions Provider is all set to take the international market by storm.

Research and Technology

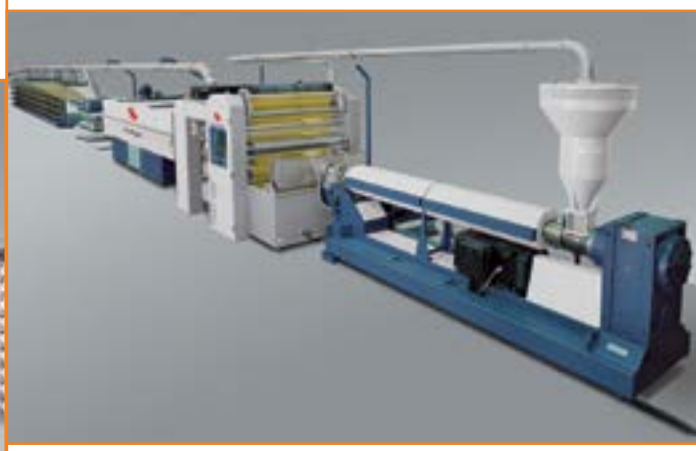
Research and Development is an integral part of the Suprabha Group. A dedicated panel of scientists and technologists and a fully-equipped R&D laboratory makes this evident.

A laudable achievement in industrial design has been Suprabha's plant and equipment developed in-house. Built with an indigenously-fabricated system, the plant has unparalleled operational efficiency.





Starlinger Loom



Starlinger Extruder

Infrastructure

Suprabha has sophisticated manufacturing facilities in and around Pune, spread over 150000 square feet of land. Suprabha has consistently upgraded its facilities; that it has the world's finest and fully-integrated production line from Starlinger is but a natural consequence of its dedicated efforts to stay ahead of its times. State-of-the-art HDPE / PP woven-fabric plant from Starlinger can manufacture fabric to suit a whole host of packing applications. Needless to mention, the material produced has a fine finish and superior strength.

The fully automated and integrated production line covers all processes and products ranging from film blowing / extrusion of polymers, lamination, chemical coating to the fabrication of customised covers. The lamination plant is equipped to produce laminated fabric up to 3000 mm in single width.

These facilities produce film pouches, stretch film, shrink film, fabric in various colours and shapes / sizes.



Suprabha Protective Products Pvt. Ltd.
Bhandari Apts., First Floor, 373,
Somwar Peth,Pune – 411 001, India.
Tel. : +91 20 2606 1123,
+91 20 2606 1238
Fax : +91 20 2606 1103
e-mail : sales@suprabha.com

Overseas

Sameer Divgi
Oogststraat 66/6 2600
Berchem – Antwerp Belgium
Mobile : +32 488 623 700
Tel. : +32 3 239 7092
e-mail : sameer@prismenterprises.be

REACH COMPLIANCE

RoHS COMPLIANT

TUV NORD ISO / TS 16949

VAPORAP® Suprabha

Products That Breathe Protection



www.suprabha.com