



# Suprabha's Seaworthy Packaging System for Steel Coils

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Steel mills generally pack the CR as well as GI coils / sheets in polythene strips / Hessian cloth. The packing system adopted was known as bandage packing, where the coils are wrapped with packing material of 8"–10" width packing material. This kind of packing has the following draw backs:

- There are gaps between the layers, though overlapped. These gaps allow moisture and air to reach the metal surface and cause corrosion
- There is a possibility of the slipping of the layers exposing the metal surface to atmosphere. This will also cause corrosion.
- The packing process itself is time consuming as it is done manually in most of the places.
- The process consumes more packing material.
- The major portion of the steel coils are used in the automobile sector, where rusted sheets, even after derusting cannot be used for quality reasons.

## **Advantage Suprabha**

Suprabha's Seaworthy Packaging System developed for packing steel coils overcomes these problems completely. It provides superior protection to the steel coils and ensures that the end user receives the coils in factory fresh condition. The overall packing works out economical over the customary packing.

Suprabha's Seaworthy Packaging System, involves using a single sheet of multilayered VCI chemical treated paper to wrap around the coil, as the primary packing material instead of the normal polythene strips. An outer layer of stretch film or ordinary polythene film can be used which is optional. This is followed by the use of edge guard, strapping, metal foil packing etc depending on the product and the destination.



# Suprabha's Seaworthy Packaging System developed for "Packing Steel Coils"



1  
Fresh edge slitted coils from mill  
VCI oil when sprayed on the edges  
protects against moisture & acid fumes



2  
Placing the coil on HDPE fabric  
laminated VCI paper & metal sheet



3  
Wrapping the coil in HDPE fabric  
Laminated VCI paper & metal sheet



4  
Strapping around the OD to hold the  
VCI paper & metal sheet on the coil



5  
Tucking the VCI paper in to  
cover the edges and ID



6  
Fixing the paper edge  
guard on the OD and ID



7  
Fixing metal protectors on the  
sides and metal edge protectors  
on ID & OD straps



8  
Coil Packing complete



9  
Coil awaiting dispatch