



100% Reliability



Efficient



Oil-free



Reusable



# Application Report

<b>Industry</b>	Electronics
<b>Type of Application</b>	Protection of PWB (Printed Wiring Boards) and PCB (Printed Circuit Boards)
<b>Project Details</b>	Providing corrosion and solderability protection for PWB in severe environments like Asia / India
<b>Previous Problems</b>	Major Telecomm company was seeing the Copper based PWB's and via's have major corrosion issues within weeks of manufacture, even though the boards were in sealed ESD shielding bags
<b>Revised Packaging Solution</b>	Switching the client from non-recyclable ESD Shielding Bags to 75 micron (3 mil) Static Intercept® bags provided the solution for short to long term (15 plus years) of corrosion and ESD protection
<b>Benefits and Improvement</b>	The use of Static INTERCEPT bags allowed the PWB's to be protected for short term applications as well as long term shipment and storage without fear of the Copper portions of the board or via connections being attacked by the high levels of Sulfur based pollutants in the air and environment. The Sulfur based gases were severely damaging the Copper rendering the boards not usable and preventing solderability and functionality.

## Application Photos

Switching to Static INTERCEPT bags has resolved the problem and provided complete protection for the PWB – the PWB's are protected as both individual boards and stacks

### PWB Failure > Verdict - **Corrosion Damage** Not ESD After only 6 weeks in India in an ESD Shielding Bag

