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**HIGH PERFORMANCE VpCI® PACKAGING**

# CASE HISTORY

## Refrigeration Plant Preservation



### PRODUCTS

VpCI®-132 foam pads  
VpCI® MilCorr® Shrink Film

### PROBLEM

Lightfoot Defence Ltd had manufactured a specialized Multi-Room Refrigeration Plant (MRP) that would be part of a multi-million pound refit of the Brazilian Navy's flagship aircraft carrier. The MRP was to be shipped by sea to Brazil and then stored there for up to five years before being fitted. The MRP needed to be protected from corrosion during shipment and storage, and periodic checks of gauges would be required during this time. HITEK-nology Solutions (HSL) was approached to provide a solution to the problem.

### APPLICATION

VpCI®-132 foam pads were placed around the air conditioning unit. VpCI® MilCorr® Shrink Film was then wrapped around the MRP and shrunk into place using a propane-powered gas gun. A zip door was fitted into the packaging to allow routine checks to be made and to facilitate changing of VpCI®-132 foam pads at the two year point.

### CONCLUSION

This treatment has resulted in the low cost storage of this high value asset for a period of up to five years.

### DATE

January 2017

### CUSTOMER

Lightfoot Defence

### LOCATION

Fareham, England

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