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HIGH PERFORMANCE VpCI® PACKAGING

CASE HISTORY

Flow Meter Components Preservation



PROBLEM

Manu Engineering is a supplier to Endress+Hauser, who assembles and manufactures flow meters and exports them to Germany and other European countries. Manu Engineering manufactures the heart of flow meters – thin plates of mild steel and copper coils with mild steel attachments. These coils are moved to Endress+Hauser where sensitive parts are attached before the flow meter is exported. However, rust was beginning to show for both mild steel sheets and copper coils during domestic shipment. It was difficult to remove rust from these components, and doing rust prevention twice was expensive and labor intensive. Since the parts would be opened at Endress+Hauser in order to attach small sensitive parts before export shipment, Endress+Hauser was looking for a dry solution that would control the problem at the vendor's end.

DATE

October 2013

CUSTOMER

Endress+Hauser

CORTEC® REPRESENTATIVE

Cortec® Corrosion Solutions India Pvt Ltd

DISTRIBUTOR

Selwel Enterprises

LOCATION

Aurangabad, India

PRODUCTS

VpCI®-126 Bag

VpCI®-132 Foam Pad

APPLICATION

Manu Engineering tested a VpCI®-126 Bag (size 200mm x 300mm x 200mm) to protect the components. After opening the bags at Endress+Hauser, additional inserts of VpCI®-132 foam pads, cut to suit (14mm x 14mm), were placed inside and the bags sealed. VpCI®-126 roll was wrapped around the plates and sealed with tape. Endress+Hauser then exported the components by ocean.



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CONCLUSION

No rust was observed on the components, which remained dry and ready to use. Using the same VpCI®-126 Bag at both locations saved time and money. Both Manu Engineering and Endress+Hauser were satisfied with the solution, and the first purchase order was received. Endress+Hauser and Sanjay Auto (another supplier to Endress+Hauser) continue to buy VpCI®-126 ziplock bags to date.

