HIGH PERFORMANCE VpCI® PACKAGING

CASE HISTORY

VpCI®-126 Film, VpCI®-105, VpCI®-111, VpCI®-369D

DATE
February 1997

CUSTOMER
Private manufacturer of filling station equipment

CORTEC REP
Doug Wright

LOCATION
Ontario, Canada

CORTEC PRODUCTS
VpCI®-126 Film
VpCI®-105 Emitters
VpCI®-111 Emitters
VpCI®-369D

PROBLEM
A private manufacturer of filling station equipment needed long-term protective packaging for equipment being shipped overseas and stored for up to six months. Filling machines with painted and machined surfaces, conveyor systems, electrical boxes and electrical components were foil vacuum-packed, crated and then shipped to Indonesia. The manufacturer lost money when the packaging suffered damage during shipping. Further damage occurred when the packaging was opened by customs personnel of the customer for inspection.

SOLUTION AND APPLICATION
A 0.5 mil (12.5 microns) or less coating of VpCI®-369D was sprayed over all painted and non-painted surfaces. VpCI®-105 and VpCI®-111 emitters were placed in all electrical boxes and electronic components. Finally, the packages were wrapped in VpCI®-126 film prior to crating.

CONCLUSION
The use of VpCI®-369D and VpCI®-126 film resulted in no corrosion on the parts, despite opening and closing of the packages. VpCI®-369D is easily removed with a damp cloth and leaves a non-greasy coating that continues to provide protection for the first few months of operation. Cortec products are now the manufacturer's accepted method of protection for shipping and storage.

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