

# ORION STREET JOURNAL

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QUARTERLY

O R I O N I N D U S T R I E S I N C O R P O R A T E D

One Orion Park Drive • Ayer, MA 01432 USA • Tel: 978.772.6000 • Fax: 978.772.0021 • www.orionindustries.com

EMI/RFI Shielding Laminates • Insulators • Seals and Gaskets • Screens

ISO 9001



A3744

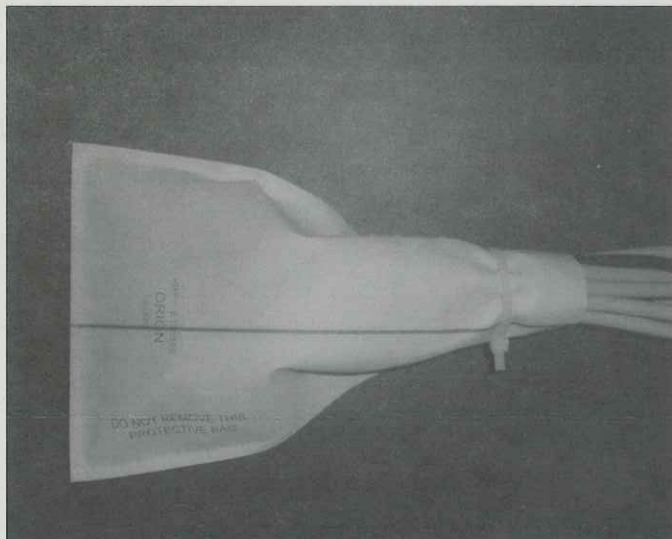
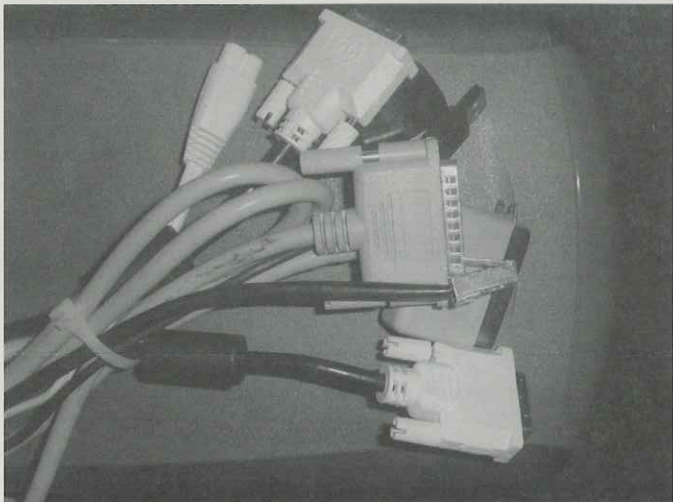
Precision Die Cutting • Laminating • Adhesives • Screen Printing/Hot Stamping

## NOT EVERYONE'S IDEA OF A DESIGNER BAG

One of our customers, a major computer network company, had a problem caused by unattached cable connectors in their units. This company builds systems in a standard size metal enclosure about the size of a large refrigerator. Their customers order specific electronic hardware to be installed in these cabinets; sometimes the cabinets are completely filled, at other times some slots remain empty. Empty slots are often filled with surplus cables. These are necessary for future upgrades of the system, but are not connected inside the cabinet. Uninsulated cable connectors bouncing around inside the cabinet can cause both mechanical and electrical damage.

As an added bonus this material eliminates any concern with static electrical charge which is present on most electrical insulating materials.

The key factor in the design was how to seal the side seams of the "Statex bag". Various adhesives were tested but the force of the cables pushed the seams apart. Plastic rivets were tested but these were time consuming to apply and still left small openings that could cause a shorting problem. The final solution, as with *designer bags*, was a machine-sewn seam using 25lb. nylon fishing line in a zigzag stitch.



**Problem:** Cables were loose inside the cabinet, causing mechanical and electrical damage.

**Solution:** Cables were enclosed in a Statex® bag to insulate and protect them.

Our customer tried wire cable wraps but it wasn't 100% solution. They needed a better solution so they called ORION®. We recommended an insulated bag that would enclose the cable connectors as well as *insulate and protect* the connectors. It was made from ITW's Statex®, a polypropylene electrical insulating material.

The cables were secured in the bag with a simple nylon tie that could be easily removed for upgrading. End result? One very pleased customer!

ORION is a registered trademark of Orion Industries Incorporated. ORION provides custom designs and manufacturing for EMI/RFI shielding, insulating, screening and sealing needs.

## ORION Exhibiting At:

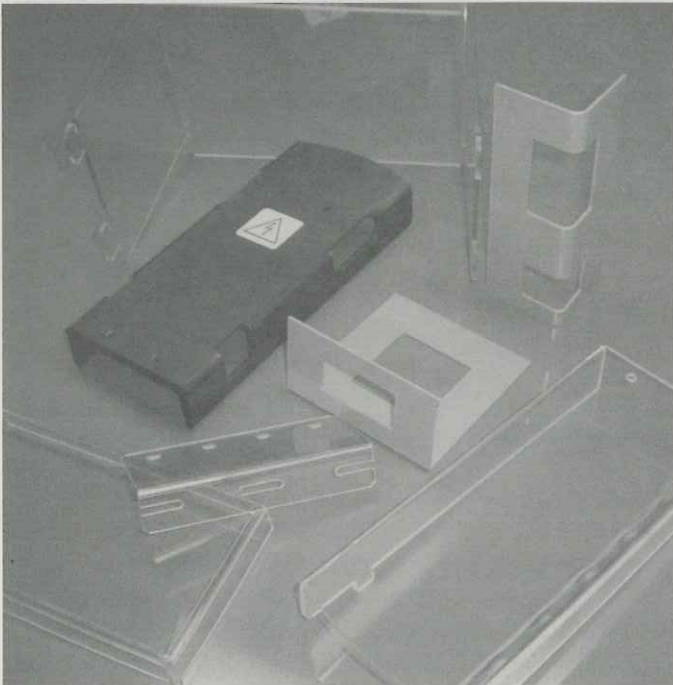
**Medical Design and Manufacturing Show**  
Jacob K. Javits Convention Center  
New York, New York  
June 13-15, 2005

**Booth #1975**

ORION is excited to be an exhibitor at the MD&M East Show. This exposition and conference provides the latest advances in various technologies, components, materials, electronics and many others under one roof with several other industry-related shows. Conferences on many related topics are held throughout the three day exhibit.

The show is located in the heart of New York City, where there are a multitude of sightseeing, dining, sporting and cultural experiences awaiting.

ORION will be showcasing its expertise as diecutting specialists for the medical and electronics industries. Our products include thermal transfer materials, EMI laminates and gaskets, electrical insulators, gaskets/seals and screens/filters. We also fabricate formed plastic covers from polycarbonate, polypropylene, acrylic and other materials.



Please stop by our booth #1975 to speak to Peter Smith, Sales Manager and Larry Bonney, Engineering Manager. They will be on hand to discuss design issues, material alternatives and other product challenges, to help get your product to market.

## PAULINE VAILLANCOURT RETIRES AFTER 24 YEARS OF SERVICE

The year was 1981 when Pauline Vaillancourt first joined us. She was new to the world of manufacturing but was willing to learn some new skills. It was an opportune time, as ORION was growing and in need of people who were willing to work hard and learn along the way.

Pauline's first job at ORION was in the electronics department where she advanced from assembler to department coordinator. When the electronics division was sold off in 1991, she was rehired as a trainee for our shipping/receiving department and soon accepted full responsibility for the department. This was a job that evolved rapidly with many of the functions becoming computerized along the way. Pauline remained in charge of shipping until her retirement in February 2005.



**Frank Widmayer, President and Stu Husmer, VP Operations posed with Pauline Vaillancourt at her retirement party.**

A company wide party was held at The Bull Run Restaurant in Shirley, Massachusetts, where all employees took part in a fabulous buffet dinner. After dinner, Pauline's supervisor, Stu Husmer addressed the crowd and spoke for all of us when he said she would be sorely missed. He presented her with a gold wrist watch as a remembrance of her time here. We all wish Pauline well on her new journey.

**ORION uses quality materials to produce high quality parts.**



**ROGERS**



**ITW Fastex**

**3M**

