

Custom Vacuum Plenums & Grippers

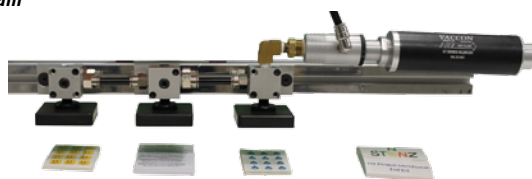
Innovation through Collaboration



*CDF 500H and Custom Plenum
Pick & Place of laser cut foam*



*VDF 750, Custom Plenum
Pick & Place of gum ball packs*



*CDF 500H Custom Plenum -
Pick & Place of multiple
paper pads*

Custom Plenums & Grippers:

Our custom manufactured Vacuum Plenums & Grippers are uniquely designed to handle your specific product, no matter the size, shape or material.

Based on your performance criteria, Vaccon engineers will choose the most efficient and economic style vacuum pump to meet your application and production requirements.

Once the proper vacuum pump is determined, the plenum is designed and developed using the matching area formula to maximize the holding force.

Whether you need to fit existing equipment or design a new tool, Vaccon plenums and grippers are available in a variety of materials to meet weight limitations, FDA and chemical compatibility conditions.

Ideal Applications:

- Pick & Place of a variety of materials:
 - ~ Fabrics
 - ~ Felt
 - ~ Foam / Styrofoam
 - ~ Foil
 - ~ Paper
 - ~ Plastic
- Robotics
- Medical
- Food Handling
- Printing
- Packaging
- Electronics
- Automotive

Features/Benefits:

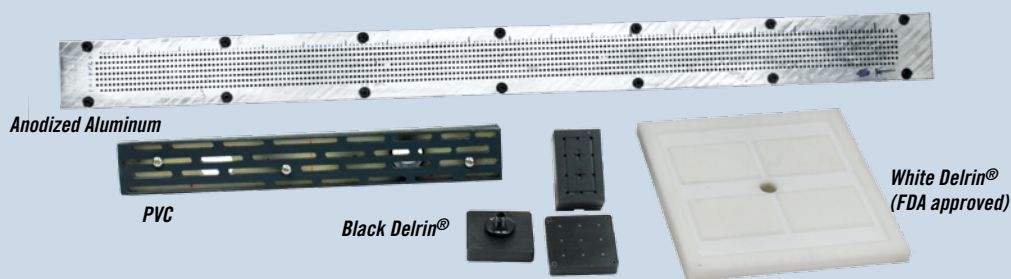
- Versatile - one plenum handles multiple objects
- Consistent - even airflow & orientation
- Interchangeable with vacuum cups
- Easily mounted to robots / End-of-Arm Tooling
- Compact - lightweight
- High flow - overcomes leakage in porous objects
- Stabilizes wrinkled or thin materials

Ideal for tough to handle materials that may warp or wrinkle, such as sheets of paper, plastic and fabrics.

Options:

- Available with or without cups. Specialty materials: white Delrin®, black Delrin, aluminum, stainless steel, PVC
- Available in NPT or G port
- Sensor or switch option
- Blow-off available
- Infinite design options - slots, diameter hole, grooves

Samples of Custom Plenums



Eliminate the Guesswork: Contact Us!

Vacuum technology isn't an exact science. To ensure proper product selection, Vaccon offers free application engineering assistance, a 30 Day Test & Evaluation Program or you can send sample products to our in-house test facility and we will test and size a pump for you.

To download a complete set of drawings in 13 different CAD formats, please visit our website at www.vaccon.com

For more information or technical assistance, please call 508-359-7200 or 800-848-8788 or email engineering@vaccon.com