The Vacuum Array Gripper Pack is an add-on to the Vacuum Gripper Starter Kit used to build Array Configurations with up to 4 cups. It is intended to provide a basic understanding of construction concepts for Vacuum Cup Array Configurations and to provoke ideas for alternative configurations. See page 2 for 3 Array Configuration examples.

The Array Pack includes:

1. 2.5 m of Pneumatic supply tubing
2. 4 Barbed cup mount fittings
3. 1 Slotted extrusion
4. 6 Extrusion nuts
5. 10 M4 x 10mm screws
6. 2 Pneumatic “Y” fittings
7. 1 Pneumatic “T” fitting
8. 2 Slotted cup mounts
9. 3 small bag-lip vacuum cups
10. 3 medium vacuum cups
11. 3 large bag-lip vacuum cups

tools needed

- 3 mm Hex Key
- Scissors/Knife to cut tubing to length
Array Configuration Examples

Notes:
- The Vacuum Gripper Starter Kit includes the fourth vacuum cup of each size.
- Additional or alternate cups are available through your local authorized Rethink Robotics distributor. Any G1/4 Male Threaded Cup will work with this pack.
- Barb cup mount fittings accommodate 3-5mm thick plates.
- Small and Medium bag-lip vacuum cups are suitable for handling bags and pouches.
- Medium vacuum cups are suitable for uneven and porous surfaces such as cardboard, etc.
- Use the Array Kit to experiment and build the vacuum gripper that will work best for your application.