

## MicroHold

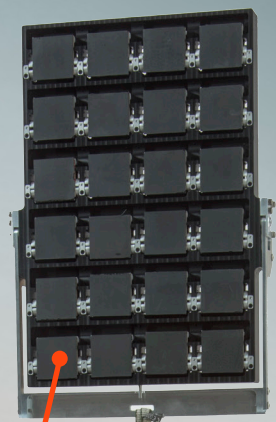
Draper Laboratory's MicroHold material is a powerful reversible adhesive for any smooth, rigid surface—including itself.

Inspired by the adhesive toe pads of geckos, MicroHold works at the molecular level. Attractive forces between the molecules of the surface and of the MicroHold material create a bond that holds against pulling in one direction, but releases easily when pulled in the opposite direction. MicroHold leaves no residue and lasts for thousands of applications, needing only a lint roller to remove dust and restore performance to its original level.

*The thin, flexible MicroHold material is bonded to a rigid backing and built into an array capable of holding several hundred pounds*

### FEATURES:

- No power required
- Easy application and removal—no residue
- Supports up to:
  - 9 psi in lateral direction (parallel to surface)
  - 2.5 psi in normal direction (away from surface)
- Can be made from almost any moldable elastomer (silicone, polyurethane, etc.)
- Customizable dimensions



### IDEAS FOR APPLICATIONS:

Removable mounting / Closures for fabric / Hanging weight

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