

# Hoowaki MicroGrip™

**Anti-migration**  
technology for  
implanted medical  
devices.

**hoowaki.**

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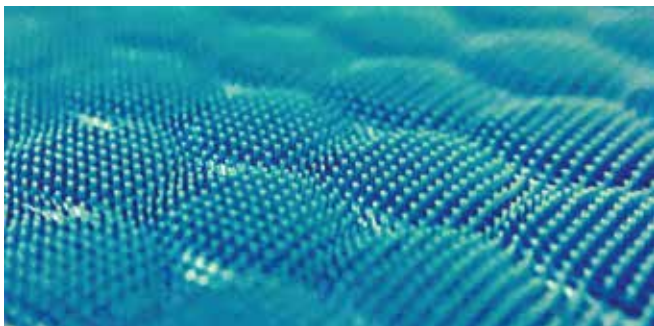
Hoowaki LLC is a high-tech product solutions and engineering services company focused on changing the coefficient of friction at a micro surface level. They have developed unique geometric pattern designs, software, and manufacturing know-how to address major market requirements for grip or slip. The company's HOOWAKI MICROGRIP® surface technology is a product offering that provides grip or slip solutions in the form of films or injection molded parts for use in medical devices, packaging, industrial & consumer products.

# Less worry, better care

Our Hoowaki MicroGrip™ technology prevents device migration and lets you focus on what's important: giving the best care.



**Our Technology:**  
Microstructured surfaces  
to achieve better grip.



200x enlargement of Hoowaki Microgrip Film Surface

## Medical Applications

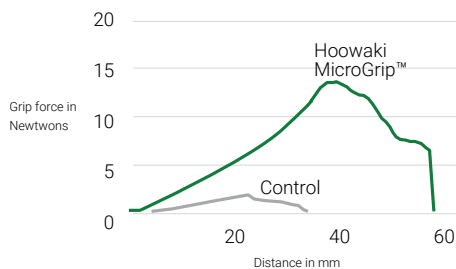
- GI and pulmonary stents
- Barrier films
- Cardiac repair devices
- Cardiac assist devices
- Balloons
- Hernia meshes
- Laparoscopic and robotic grasper and stapler jaws

## Simplifies Approval

- Formed during existing device manufacturing
- No added chemicals, coatings, or materials
- Made of same material as device
- Never sticky, abrasive, or aggressive
- Offers a simple route for device qualification; often 510(k)

## Proven Performance

### Esophageal Stent Pull Against Synthetic Tissue Wet With Saline



**Anti-Migration:**  
Up to **5x**  
resistance to  
movement