

Naked Prosthetics Product Technical Specifications | 2020

We design our devices to get workers back to difficult jobs, and pride ourselves on our success with people who use their hands in harsh environments. All products are resistant to most common chemicals such as isopropanol, ethanol, acetone, and oil, as well as water, dust and dirt.

PIPDriver™

Materials:

- nylon 12 (medical grade)
- silicone
- titanium

Heat Resistance:

- nylon 347° F
- silicone 400° F
- adhesive 356° F

Base Crush Strength:

≥ 60 lb.



Force Output:

The PIPDriver is designed with a safety factor such that any force the patient can generate at the PIP joint can be safely transmitted by the device. Force output is dependent on the patient's strength. The PIPDriver has the potential to output the same force as an intact finger.

Silicone:

Silicone will absorb gasoline or diesel if exposed and will experience a volume change. It will return to a normal shape if cleaned after exposure.

MCPDriver™ & ThumbDriver™

Materials:

- nylon 12 (medical grade)
- silicone
- stainless 316
- titanium

Heat Resistance:

- nylon 347° F
- silicone 400° F
- adhesive 356° F

Ring Tensile Strength:

- 80 lb.



Force Output:

The MCPDriver and ThumbDriver are designed with a safety factor such that any force the patient can generate at the MCP/MP-CMC joints can be safely transmitted by the devices. Force output is dependent on the patient's strength.

Silicone:

Silicone will absorb gasoline or diesel if exposed and will experience a volume change. It will return to a normal shape if cleaned after exposure.



****WARNING**** Never try to bend the devices. Never remove the tri-wing custom screws. Tighten all fasteners to a moderate "hand-torque" level. Oil components with a skin-safe lubricant such as mineral oil. Please call us for technical support.