

WHY USE A MEDICAL GRADE SILICONE FOR YOUR COMPONENT'S?

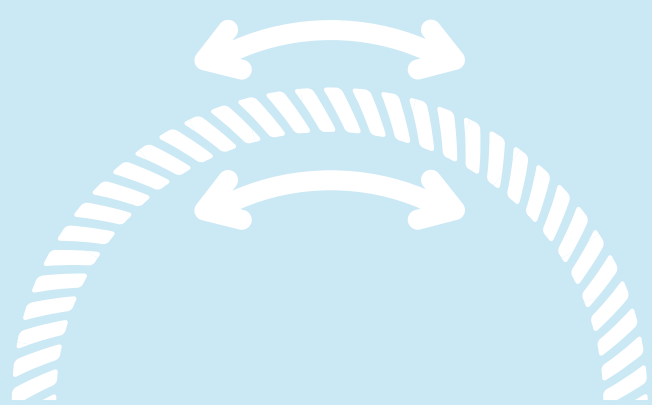
Benefits of Medical Grade Silicone

Meets FDA regulations for use in medical devices and with food contact; its properties are inherently inert to bacteria, mold and fungi.



Has a superior gas permeability factor that's approximately 400 times that of rubber, making it an exceptional choice for medical products that go through a sterilization or autoclaving process; in fact, medical grade silicone can be autoclaved with no effect to its physical properties.

Bonds best with polycarbonate (PC) and Nylon thermoplastics (but very poorly with polyethylene (PE) and polypropylene (PP); it can be overmolded onto metal components.



Does not become stiff or brittle over time, and has a very low aging level; it has superior elongation & tear resistance, making it an ideal material for gaskets and o-rings in medical devices.