POLYJET DIGITAL STANDARD TOLERANCES

Attainable prototype dimensional tolerances depends on the choice of technology used to make the prototype or short-run parts. Actual capabilities are dependent upon manufacturing, equipment, material selection, and part requirements. For unique requirements to ensure specs are met within the limitation of our technologies, capabilities and processes, a 2D drawing print (s), tolerances, and / or other requirements are required in writing when quotation is requested. We are fully equipped to fabricate components for companies and can quote from STEP, IGES, and SLDPRT model formats.

Technology:	Polyjet – Objet Jetting Material
Material type:	Flexible Rubber and Rigid Plastic
Polyjet Materials:	Tango or Vero
Net Build Size Parts Up To :	19 x 14 x 8 in.
Layer Thickness:	16 Microns (.0006”)
Dimensional Tolerances:	± 0.005 in. (Typical for the first inch) ~ ± 0.002 in. (Feasible for each additional inch)
Wall Thickness:	Flexible Materials ~ .030” ~ Rigid Materials ~ .020”
Ideal Uses For This Technology:	Flexible Rubber & Rigid Plastic Like Models, Form~ Fit Models, Fittings, Valves, Product Design Models, Complex Interior Features.

Disclaimer: The data above is general information and may vary from machine to machine or supplier to supplier. All tolerance specifications reflect the approximate range of a process’s capabilities and should be viewed only as a guide. These dimensional tolerances, buyer assumes sole responsibility for the design, and must test and verify the material of the product for each specific application applies to their internal requirements.