



Cast Urethanes

Short Run Production-Quality Parts. Quick Turnaround.

Cast Urethanes / Low Volume Production: A production method used to create up to hundreds of parts from one mold in a variety of materials that mimic production quality parts. The process begins with the creation of a high-resolution master pattern. This master pattern is then used to create a silicone mold which will then be used to produce hundreds of production quality parts. Since the silicone mold is flexible, undercuts and difficult geometries are easily produced. This method is ideal for marketing samples or applications where fewer than 1000 parts need to be created without the expense of an injection mold tool.

	Polycarbonate-Like WC-788	Elastomeric WC-595	ABS-Like TC-851	Propylene-Like TC-865	ABS-Like High Temp TC-895	Fire Retardant TC-890 FR	Rubber F-25, 42, 50, 60,70, 80, 90
Features	<ul style="list-style-type: none"> • Clear • 84 Shore D • Rigid • Impact Resistant • UV Resistant • Simulates Polycarbonate 	<ul style="list-style-type: none"> • Clear • 90 Shore A • Flexible • Simulates Rubber 	<ul style="list-style-type: none"> • White • 78 Shore D • Rigid • High Impact • Good Heat Deflection 	<ul style="list-style-type: none"> • White • 65 Shore D • Durable • Impact Resistant • Simulates Polypropylene 	<ul style="list-style-type: none"> • Black • 84 Shore D • High Heat Deflection • Rigid • Simulates ABS 	<ul style="list-style-type: none"> • White • 80 Shore D • Fire Retardant • Simulates ABS 	<ul style="list-style-type: none"> • Amber • Simulates Rubber • Resilient
Applications	<ul style="list-style-type: none"> • Clear Components • Outdoor Applications • Transparent Components/Assemblies • Medical • Aerospace 	<ul style="list-style-type: none"> • Clear Components • Gaskets • Hoses • Seals 	<ul style="list-style-type: none"> • General Purpose • Electronics • Aerospace • Automotive • Medical • Architectural • Consumer Products 	<ul style="list-style-type: none"> • Snap Fit Assemblies • Aerospace • Automotive 	<ul style="list-style-type: none"> • Automotive • Aerospace • Electronics • Wind Tunnel Models 	<ul style="list-style-type: none"> • Automotive • Aerospace • Consumer Products 	<ul style="list-style-type: none"> • Shock Absorbent Applications • Gaskets • Hoses • Seals • Consumer Products
Finish Options	<ul style="list-style-type: none"> • Tinted • Polish • Textured 	<ul style="list-style-type: none"> • Tinted • Textured 	<ul style="list-style-type: none"> • Tinted • Textured • Color Paint 	<ul style="list-style-type: none"> • Tinted • Textured • Color Paint 	<ul style="list-style-type: none"> • Tinted • Textured • Color Paint 	<ul style="list-style-type: none"> • Tinted • Textured • Color Paint 	<ul style="list-style-type: none"> • Tinted • Textured