

Frame	Model	Back Shape	Seat Height	Overall Height	Width	Seat Depth	Overall Depth	Weight	Flex Back	Required Fabric
Aluminum	CS511	Crown	19" (48cm)	37.0" (94cm)	18.5" (47cm)	15.8" (40cm)	24" (61cm)	12.0 lbs. (5.4kg)	+0.5 lbs	.64 yds / Striped .85 yds
Aluminum	CS521	Oval	19" (48cm)	37.0" (94cm)	18.5" (47cm)	15.8" (40cm)	24" (61cm)	12.3 lbs. (5.6kg)	+0.5 lbs	.64 yds / Striped .85 yds

Frame: The front, back, and legs are made of .962" [2.44 cm], 6061-T6 extruded aluminum tube. The seat support is made of .5" [1.27 cm], 6061-T6 solid square aluminum bar. A high grade Argon gas mixture is used for clean, smooth, and strong welds. Each weld is approximately 2.5" [6.35 cm] long. The leg is welded in 8 places.

Glides: The glides are nickel-plated with a rubber compression spacer to absorb shock.

Stack Bar: The stack bar is standard and is made of 0.625" [1.6 cm], 6061-T6 solid square aluminum bar.

Ganging: Two optional ganging devices are available. The frame ganging device is comprised of 3/16" [5mm] solid steel rod and is riveted to the seat frame. The gap between chairs when ganged is 3.5" [89mm] between seat cushion for frame ganging.

Anti-Sway Bars: Made of .5" [1.27 cm], 6061-T6 solid-square aluminum bar, and add to the stability of the aluminum frame.

Frame Finish: Finish is an electrostatically applied powder coating over a phosphate treated aluminum frame. The powder is cured in a computer-controlled oven for enhanced precision and extended durability.

Stack Buttons: Eight stack buttons protect the finish and stabilize the legs when the chairs are stacked.

Back: The upholstery and foam are stapled to an injection molded polypropylene insert, which is attached to the chair back frame. Foam is .75" [1.9cm] thick [front of backrest], .25" [.6cm] thick [back of backrest] polyurethane. A sculpted back is optional.

Flex-Back: Full flex travel is 5.5 inches +/- .25", and has been successfully tested to more than 1,000,000 full cycles. Patented flex device features a unique fail-safe apparatus with all parts and mechanisms located internally to avoid pinch points.

Seat: The upholstery and foam are stapled to an injection molded polypropylene seat base. The patented FormFlex™ seat base features concentric oval patterns that flex to the contours of the user and comes standard on all Classic Series Aluminum models. The seat attaches to the chair via three molded-in front tabs inserted into corresponding attachment points in the aluminum frame, and four molded-in

rear clips which snap around the underside seat support. Foam is 2.5" [6cm] thick high-resilient 2.8 lb. MDI polyurethane.

Pitch: Flex-back chairs feature a dining pitch in the non-flexed position, while non-flex back chairs feature event pitch.



FormFlex™ Seat Base

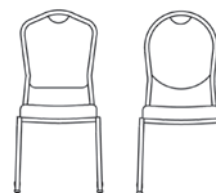
Standards: Classic Series chairs meet or exceed all applicable tests from ANSI / BIFMA X 5.1 - 2002. All upholstery and foam meet or exceed California Bulletin 117. Optional Kevlar upholstery lining is available if California TB 133 compliance is required.

Weight Capacity: 1,000 [454kg] lbs.

Stacking: Optimal storage density is 10 chairs per stack. Stack density is 4.9" [12.4cm] per chair.

Warranty: Mity-Lite, Inc. warrants its Classic Series Aluminum chair frames to be free from defects in materials and workmanship under normal use, service, and handling for a period of twelve [12] years. Mity-Lite, Inc. warrants chair fabric, foam, seat base and paint for a period of one [1] year from the date of purchase. Customer's Own Material must meet Mity-Lite standards. Upholstery is NOT warranted for outdoor use.

Classic Series Aluminum Chair Back Shapes



Oval
CS521

Crown
CS511

Frame Tube Profile



Fluted (1)