

24/7 Intensive Use Chairs
TESTING CHART

Type of Test	GSA Min. Requirement for test FNEW83-269E	ANSI/BIFMA Acceptance
Cyclic Back & Back Tilt Mechanism Fatigue Test	1,000,000 Cycles Minimum	120,000 Cycles
Cyclic Vertical Load Test on 1 Arm	100 lbs. to 250 lbs., in 50 lb. increments. 25,000 cycles at each load level	200 lbs. 1 time function load 300 lbs. 1 time proof load 2,500 lbs. 1 time proof load (Base only)
Cyclic Vertical Load Test on Seats, Bases, & Casters	200 lbs. Through 13,000lbs in 50 lb. Increments. 25,000 cycles at each load level	3000 lbs. 6" one crop 2,500 lbs. One load (base only)
Cyclic Side Thrust. Load Test on Arms	50 lbs. to 200 lbs increments. 25,000 cycles at each load level	100 lbs. = 1 time function load 150 lbs. = 1 time proof load
Cyclic Pneumatic Seat Height Adjustment Test	250 lb. cyclic seat load. Cycle pneumatic unit 125,000 full cycles	No comparable test requirement
Caster/Chair Base Durability Test	36,000 cycles. 5lbs. Retention after cycling	36,000 cycles 5 lbs. Retention minimum after cycling