

GT-L07

Chair Swivel Testing Machine



Application

- ✧ This test applies to all chair types with a swivel seat.
- ✧ The purpose of this test is to evaluate the ability of the chair to withstand stresses and wear of repeated swiveling.

Key Specification

- A 102 kg (225 lb.) load shall be placed on the seat such that the center of gravity of the load is 51 to 64 mm (2 to 2.5 in.)
- For chairs that swivel 360degree, a cycle is one full rotation. For chairs that swivel less than 360°, one cycle is rotating from one stop to the other stop.
- For all chairs, continue the test for an additional 60,000 cycles to a total of 120,000 cycles.

Standards

ANSI/BIFMA X5.1 Point 9

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