

ERGONOMIC ASSESSMENT

by Andrew Wilson, Osteopath & Ergonomist

KONFURB FLY Sled Chair

Seat Profile: 17 (20)

A firm moulded polypropylene seat with square proportions 450mm wide by 430mm deep. It has a contoured seat both side to side and front to back with a shallow 50mm waterfall edge. It is comfortable with minimal pressure points.

Backrest Profile: 17 (20)

A medium height moulded polypropylene backrest medium height 410mm with a noticeable waisted profile, and some lateral curve. It has firm, well-shaped lumbar and pelvic support with no pronounced pressure points. The construction allows some active movement.

Comfort: Forward Posture: 8 (10)

The upright backrest and waterfall edge allow an upright sitting posture with a forward tilt thigh that is suitable for forward postures such as eating or using a laptop. It is comfortable with no pressure points.

Comfort: Centre Posture: 9 (10)

The firm back rest with a little bit of flexibility allows a very good centre posture with horizontal thigh and mildly reclined trunk. A comfortable posture for classroom or lecture environments.

Comfort: Reclined Posture: 8 (10)

It allows some natural reclination with its inherent dynamic flex. To allow a more reclined posture with a more open trunk angle it is necessary to slide forwards in the seat reducing lumbar and pelvic support providing a pressure point at the top of the backrest.

Dynamic Rating: 8 (10)

The large seat and backrest with inherent flexibility allow a variety of postures and encourages regular movement.

Anthropometrics: 8 (10)

The moderate sized seat and backrest will suit a wide range of users.

Ease of Use: 8 (10)

It has no levers or built in adjustability. It is very easy to use.

Total Score: 83 (100)

Summary:

A firm comfortable chair with a generous and supportive seat and backrest