

PRODUCT SPECIFICATIONS ■

Sway™ Lounge Collection

March 2023

MODEL NUMBERS:

Lounge Chair (Non-contrasting upholstery)	SYCNC
Lounge Chair (Contrasting upholstery)	SYCFC
Ottoman	SYOT
Table	SYTB

TECHNICAL SPECIFICATIONS

Lounge Chair Seat and Base Frame Construction

The seat and 4-leg base frames are made of rotationally molded LLDPE (Linear Low Density Polyethylene), one of the most commonly used plastics in the United States. These polyethylene frames are 100% recyclable. The seat and base frames are offered in three standard colors: Arctic White, Cool Grey and Granite Grey. The rotating contact surface that attaches to the underside of the seat frame consists of a spun 12-gauge steel (finished thickness is approximately .094 thick) bottom cap, painted with a metallic 90-degree high gloss powder-coat paint. It is available in three standard powder-coat colors, to match the seat frame color. The base has 12 gliding posts made of UHMWPE (Ultra High Molecular Weight Polyethylene) which resist wear to over 100,000 cycles in testing. The gliding posts are field replaceable should they show wear over their lifetime.

Lounge Chair Seat and Backrest Upholstery Shells

The Seat and Backrest Upholstery shells are made of post-consumer recycled thermoplastic. The blended material is 100% recyclable. The fully upholstered shells are fastened to the seat using $\frac{3}{8}$ " diameter nylon ribbed friction lock rivets.

Ottoman and Table Base Construction

The Ottoman and Table's 4-leg base is LLDPE rotationally molded, with a supporting structure made of spun 12-gauge steel (finished thickness is approximately .094 thick), powder-coat painted 90 gloss. The base frame is offered in three standard colors: Arctic White, Cool Grey and Granite Grey.

Supporting the upholstered ottoman foam is a $1\frac{1}{8}$ " thick particle board.

Table Top Construction

The Side Table top is $\frac{3}{4}$ " thick, 45 lb. density built-up particle board with a total thickness of 3". Overwrapping the sides and top of the wood construction is .030" thick high pressure laminate, available in all standard KI laminate colors. See *Price List Laminate Color Addendum*.

Upholstery Foam

The Sway Lounge seat and back foam are both of polyurethane construction. The seat foam pad is a molded single piece, with an average of 3.5 lb. density and 45 IFD value at 3" thick. The back foam is slab cut, with an average 1.9 lb. density and 34 IFD value at 1" thick. The Ottoman foam is slab cut polyurethane construction with an average 1.8 lb. density and a 50 IFD value at 4" thick.

All foam and fabric have water based adhesive and "C-Gex" upholstery fastening methods to permanently assemble them to the upholstery shells. The fully upholstered seat and back are field replaceable.

Floor Glides

Three standard glides options are available on the Sway collection: Rubber non-skid glides, Nylon or Felt. The Rubber non-skid glides are screwed into the bottom of the chairs' polyethylene base frame; the Nylon and Felt glides are nailed in.



TECHNICAL SPECIFICATIONS

Node® In-Surface Power Module (optional) (table)

The Node In-Surface power module consists of one AC simplex receptacle port (rated at 15 amps/125 volts), includes one DC USB-A port (2.1 amps/5 volts), and one USB-C port (2.0 and 3.0 compatible, no data), 2 amps per port. Provides device charging and direct AC Power. The power cord is a 14 AWG, 15-amp NEMA rated, three conductor SJT, with a three prong grounded plug. 72" of exposed cord will extend from the bottom of the Sway Table. The power cord is strain relief mounted to the rear of the housing. The entire electrical power module assembly is UL listed and passes a UL spill test rating for protection against liquids. Both USB ports can power and charge separate mobile devices, simultaneously. The optional Node In-Surface power module is available in three powder-coat colors: Black/Black, White/White and Silver/White.

Orbital Motion (lounge chair)

The lounge chairs orbital motion derives from a ball and socket type joinery. The motion relies on the powder-coated 12-gauge steel chair bottom, sliding on 12 UHMWPE glide posts. The gliding motion provides 12 degrees total side to side motion, and 15 degrees total front to back motion, in an orbital fashion. The chairs internal spring-tension mechanism brings the chair back to a neutral position when not occupied.

Seat angle adjustability from horizontal: 15 to 30 degrees (full tilt forward to full recline).