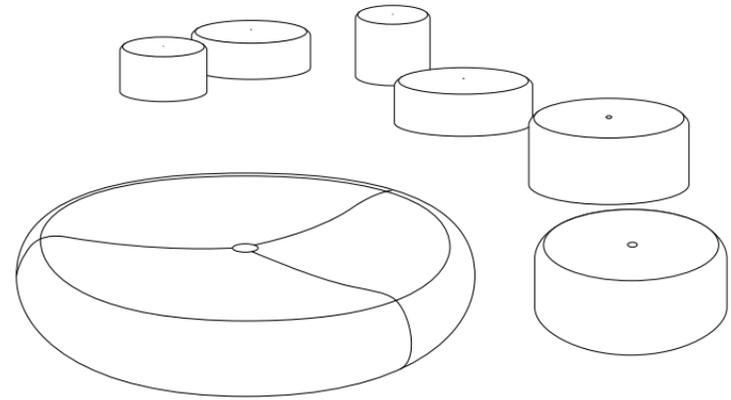


softseating
use guide



molo

softseating

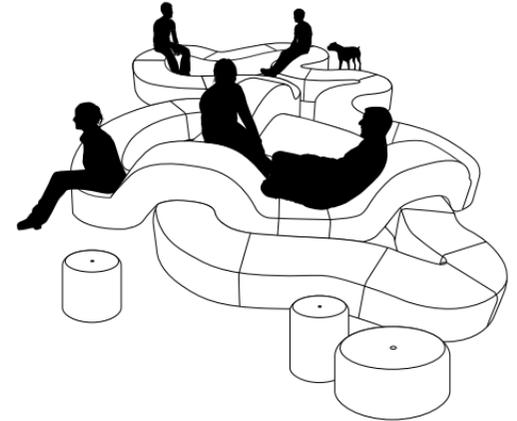
softseating belongs to molo's family of expandable / compressible honeycomb structures that began with the award winning paper and textile softwalls. The name soft was chosen because the structures for all of these products are soft and flexible rather than hard and rigid. Paper honeycomb was first created over 2000 years ago in China as a decorative technique for three dimensional relief work. Repurposing this ancient technique, soft and its honeycomb structure is honoured, for its combination of sculptural beauty and practical innovation, in a number of collections including the Museum of Modern Art in New York.

The inspiration for softseating came from a desire for flexible and spontaneous space making. Stephanie Forsythe and Todd MacAllen of molo are trained as architects. Their studies of flexible space making in architecture have generated this collection of walls, building blocks, lighting and seating.

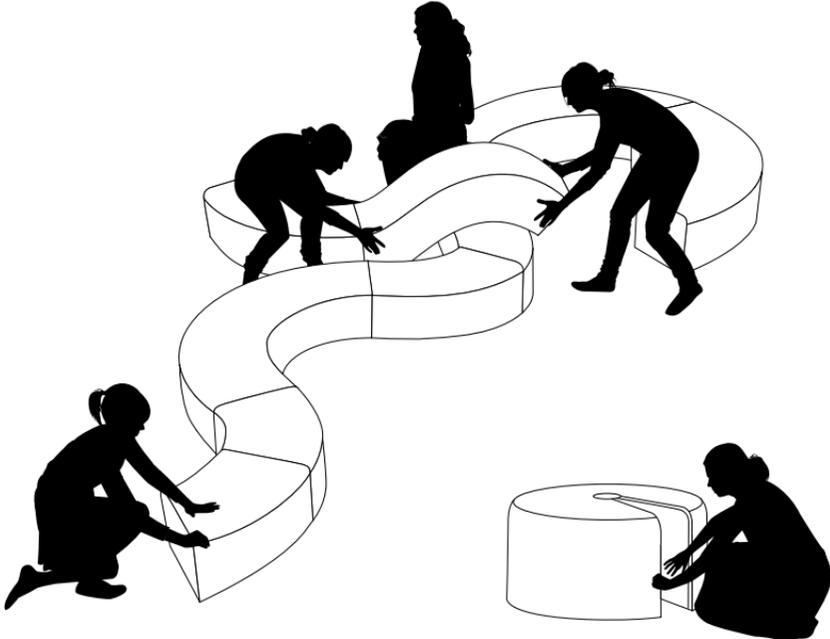
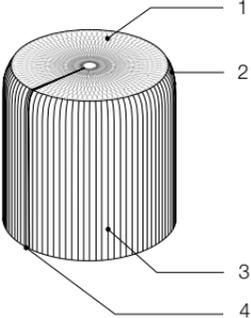
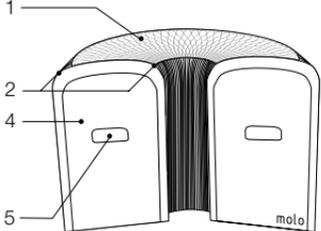
When Stephanie and Todd designed softseating, they wanted to make furniture for the molo studio space that could easily fold away when working and open up for an event or spontaneous party!

softseating can be used creatively and interchangeably, as seating or as low tables. The elements can also be playfully stacked and overlaid as building blocks to create unusual seating topographies. softseating is available as fanning stools in a variety of diameters and heights, as well as the large fanning lounge which has a generous 210cm (84") in diameter. Each fanning stool stores flat, like a book and fans open into the form of a cylinder held together by magnetic connectors that, alternatively, can be linked in a series to form winding benches.

softseating has evolved to include various forms and distinct materials. These materials, paper and textile, are 100% recyclable. softseating's honeycomb geometry lends these seemingly delicate sheets of paper and textile impressive and surprising strength. The materials, further allow for an economy of resource; encouraging us to reimagine their potential – a potential that is commonly considered disposable.



anatomy of softseating



- (1) open honeycomb cells at the top
- (2) curved profile at the top
- (3) vertical fins / pleats on the sides
- (4) magnetic connecting panels
- (5) handle (only on large sizes)

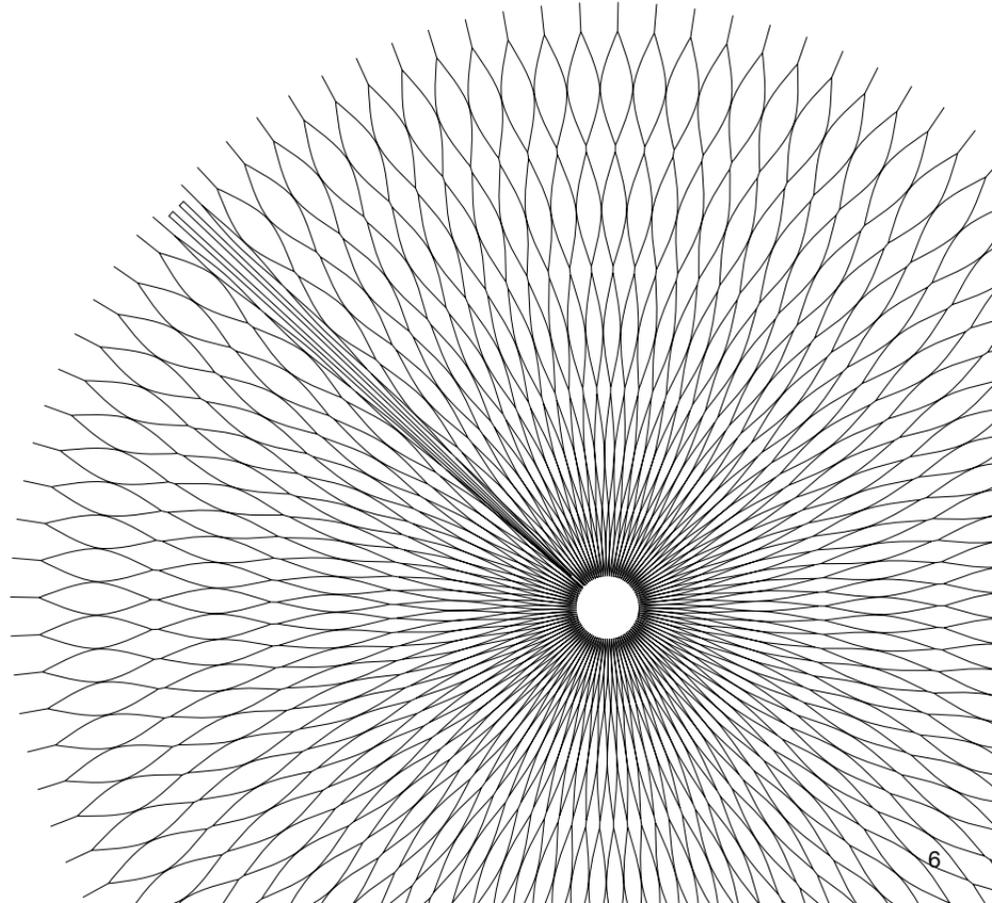
paper softseating

paper softseating is made entirely from kraft paper with 50% recycled content. It comes in a warm brown that is naturally unbleached and a deep black that is dyed with bamboo charcoal ink.

softseating has been designed with long term use in mind and the idea that ageing can be beautiful. The surface texture of the paper's edges softens over time into a pleasing patina. This gentle softening occurs when the stools and loungers are sat on, creating an organic pattern that when juxtaposed with the honeycomb geometry mimics qualities found in nature, particularly in plants and flowers. Throughout, this idiosyncrasy of ageing and movement, softseating maintains its structural integrity.

paper softseating is flame retardant (will not catch fire). Please contact us for specific information on fire ratings.

detail of geometry



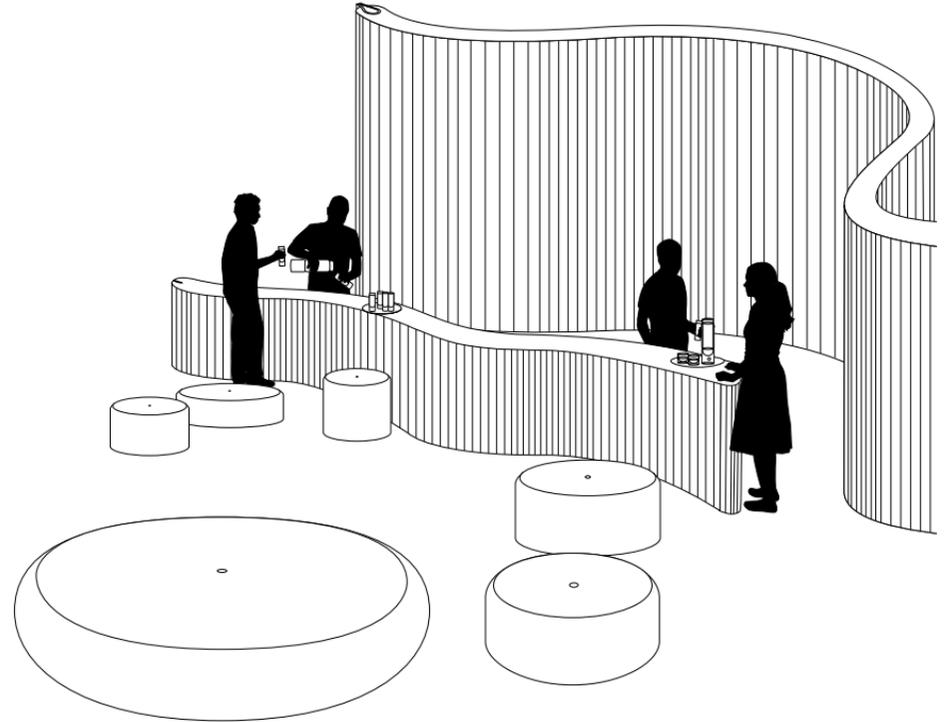
textile softseating

textile softseating is made from a heavyweight version of the same highly durable non-woven polyethylene material used in textile softwalls, softblocks and softlighting. The full soft collection works together in a fluid complementary fashion that allows for the temporal arranging and rearranging of its pieces. The textile's lightweight paper-like look and feel is highly tear, UV and water resistant. textile softseating is recommended for indoor / outdoor use but should not be left permanently outside.

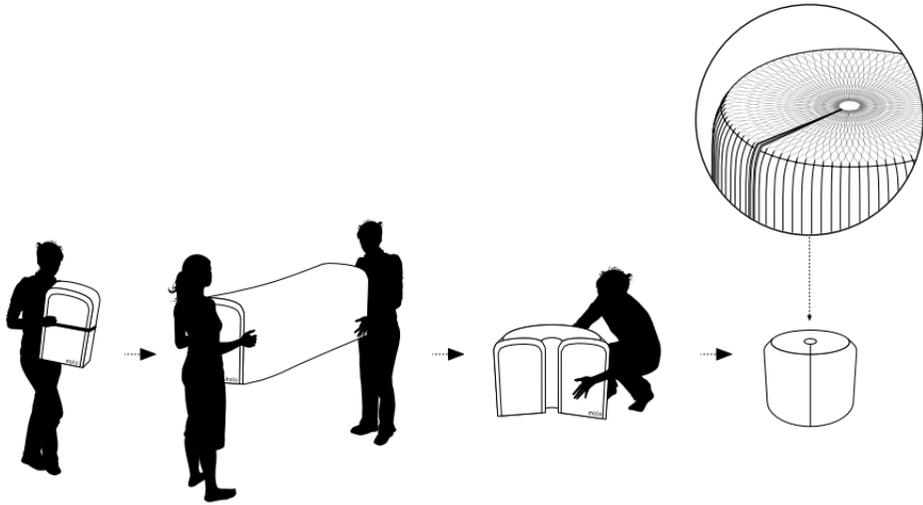
textile softseating is white in colour and is available in the same heights and diameters as paper softseating with the exception of the fanning lounge which has a smaller diameter of 190cm (74").

Similar to paper softseating, textile softseating's surface will gently soften over time. The difference, in the wear of these two materials, is that the softened fibers of the textile material feel spongy; whereas the paper is more firm.

textile softseating tends to shrink away from flame and has a Class A flame spread rating in North America. Please contact molo for North American and European fire rating documents.

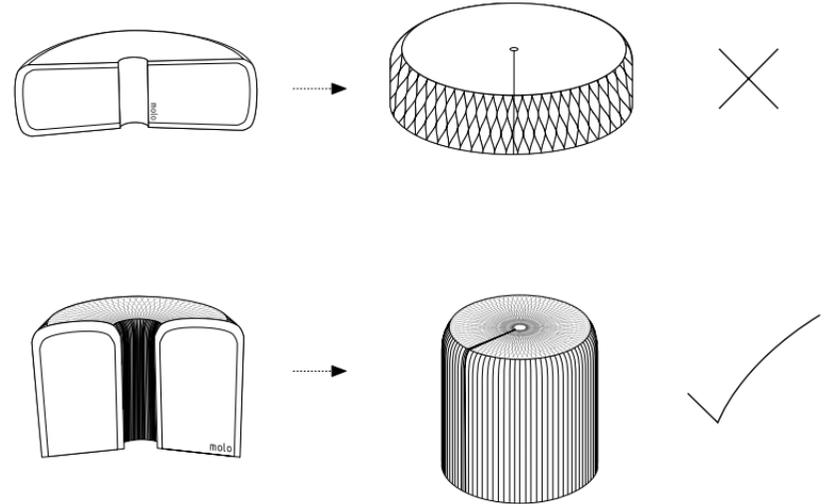


opening softseating fanning stool



softseating fanning stool is compressed for shipping and storage. With two people, each holding an end panel at the sides, (or holding cut out handles for large sizes) walk backwards; giving the honeycomb structure a good stretch. Once stretched, simply join the ends of fanning stool together, the magnetic end panels will hold it in place - voila!

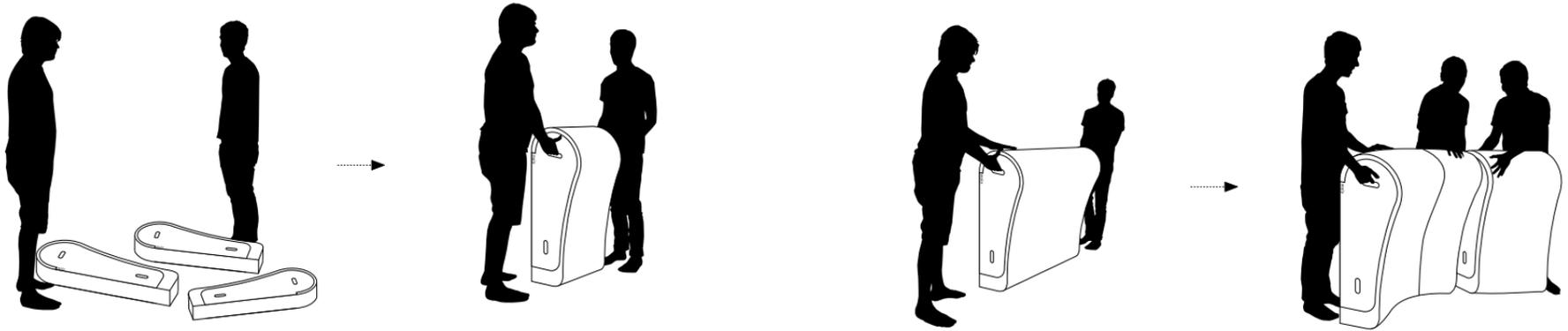
opening softseating fanning stool: correct orientation



NOTE: THIS IS AN EASY MISTAKE TO MAKE

In order to support weight, fanning stool must be opened so that the honeycomb cells are vertically aligned. When opened in the proper orientation, open honeycomb cells are displayed on the top surface of the stool and the vertical fins are on the sides of the stool, perpendicular to the floor.

opening softseating 3-part fanning lounger



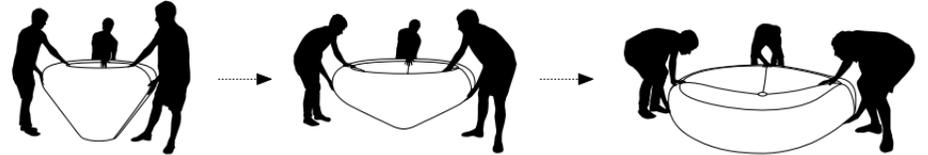
Each part of softseating 3-part fanning lounger must be individually stretched before the parts are attached. With two people, each holding an end panel, orient the part with the thick end up and weight supported by the ground.

With two people walking away from each other, stretch the first part open. Do not use excessive force that would cause magnetic end boards to delaminate but you should give enough of a pull to stretch open the honeycomb cells. After all 3 parts are stretched; join them together with the thick end up.

opening softseating 3-part fanning lounger



Once all 3 parts are joined, fan them into a circular configuration, connecting the last of the magnetic end panels. The curved profile (top of lounger) should be on the interior of the circle while the flat (bottom of lounger) is on the outer circumference.

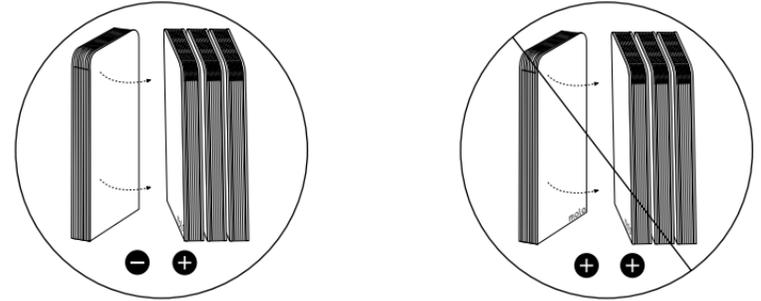


With three people, each holding at a magnetic joint, slowly pull out and downward. Once the lounger starts to open, gravity will take over so it is important to be ready to support the weight of the piece by placing hands under the three joints and lower softseating lounger gently to the ground.

compressing and storing softseating

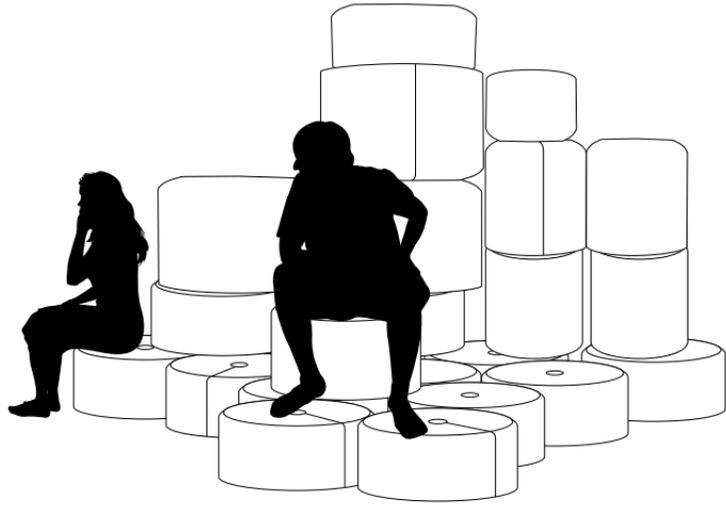


To compress softseating for storage, separate the magnetic connection by prying your fingers between the two end panels; rather than pulling on the fins. Once compressed, softseating can store like a book on your shelf! softseating can be compressed and expanded as often as you like.



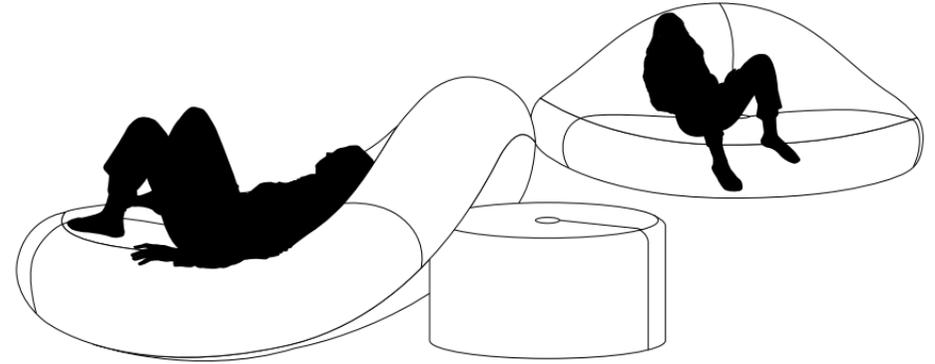
softseating should be stored so that units are stacked with their magnetic ends oriented positive-to-negative. The molo imprinted side is the positive side. Storing units with the magnets oriented positive-to-positive or negative-to-negative will weaken their charge and should be avoided.

stacking softseating fanning stools



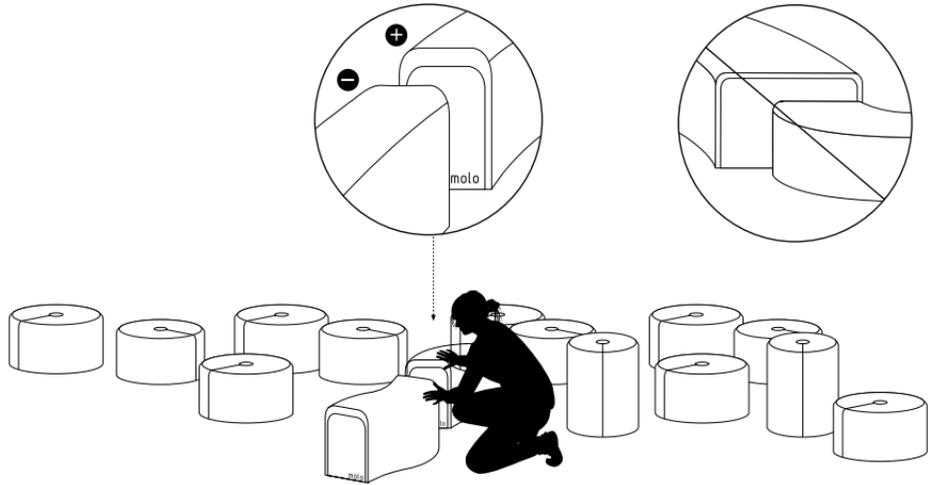
softseating fanning stools can be stacked to sculpturally define space and be used as display totems or as a multilevel topography for sitting and socializing —use your imagination! For ease when moving and stacking the stools, take care to firmly grasp several of the vertical fins at once.

stacking softseating fanning loungers



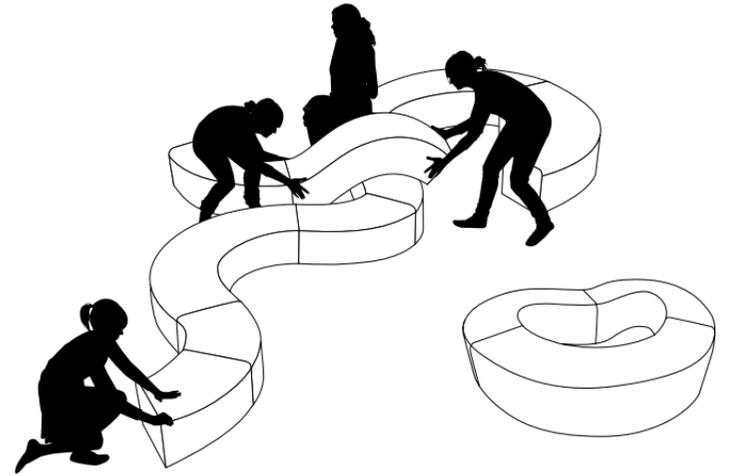
softseating fanning lounge can be stacked / leaned against softseating fanning stool, another lounge or a wall to form a contoured back rest. The lounge's elastic sculptural form offers endless playful variations.

joining multiple softseating fanning stools



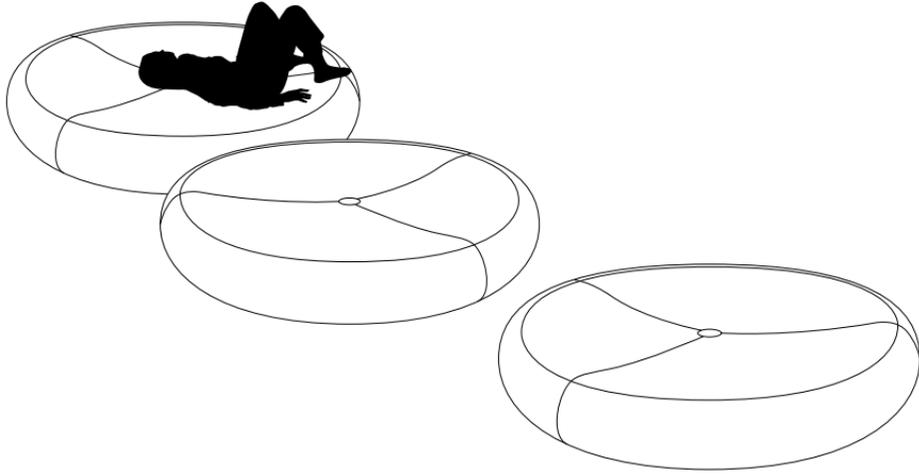
fanning stools can be joined to create long benches of any serpentine, circular or straight configuration.

Note: when joining two or more fanning stools, they must be of the same size (height and width) for their magnetic connectors to line up.

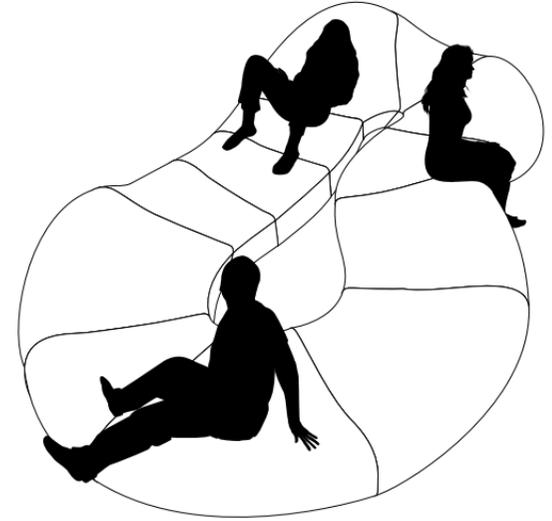


A serpentine bench with contoured back rests can be created with fanning stools by laying them crosswise, up and over one another. The 30.5cm (12") x 93cm (36") diameter fanning stool has the best proportions to achieve this effect and can be laid over top a 45.5cm (18") tall or 30.5cm (12") tall bench.

joining multiple fanning loungers

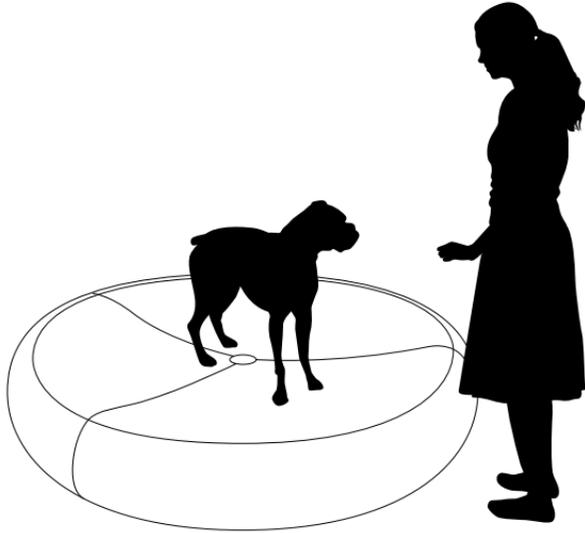


three of the 3-part fanning loungers can be set up as three circular shapes...

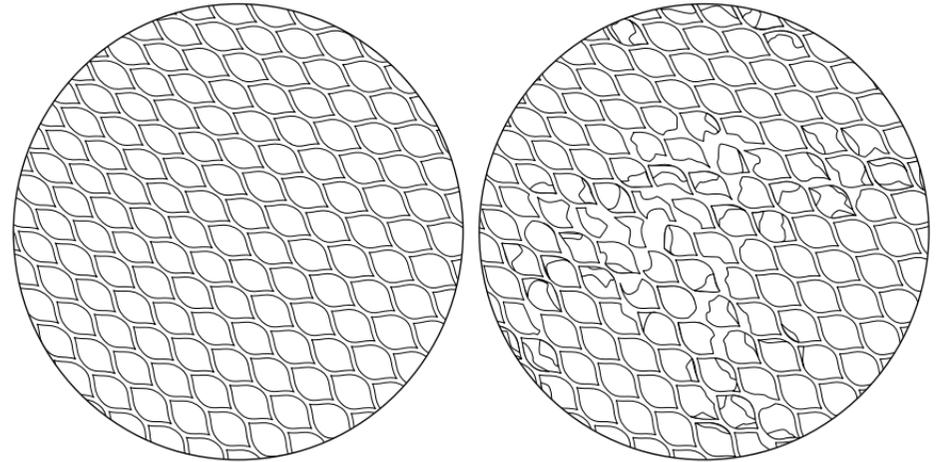


...or joined to create one giant organically shaped lounge.

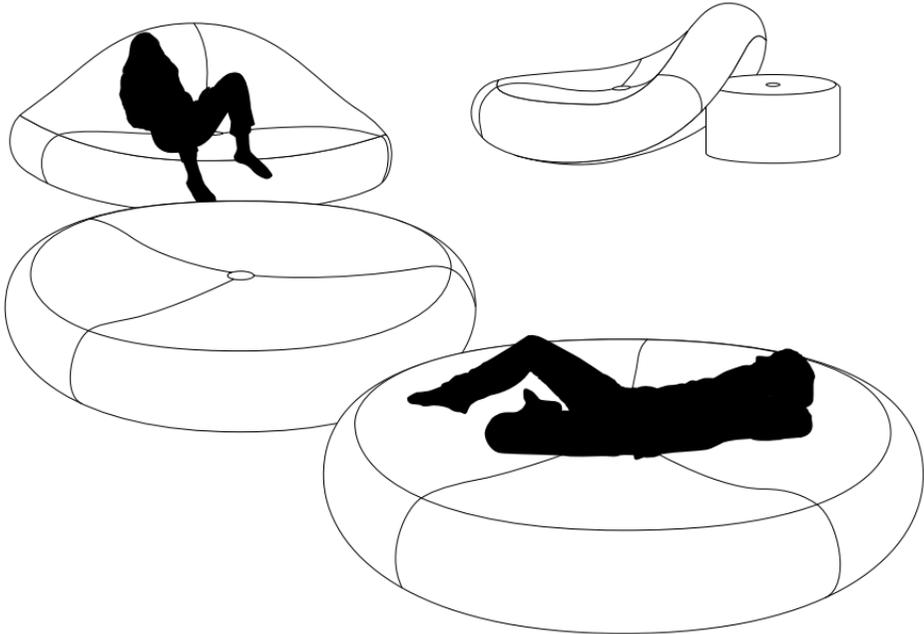
patina



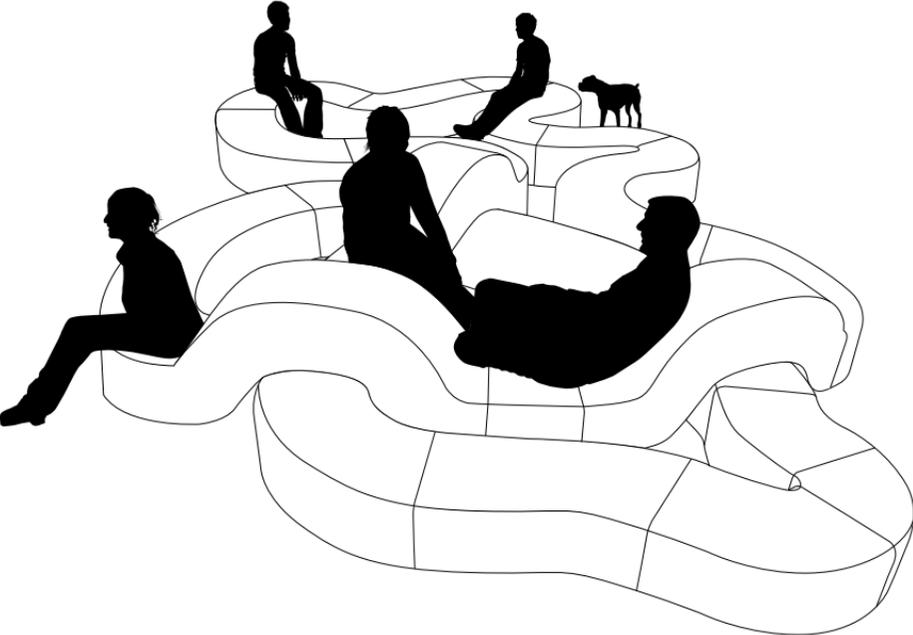
With use, softseating will change in appearance as the surface texture crushes and softens into a pleasing natural patina. To see photographs of the paper and textile seating, with a patina of wear, visit the molo website www.molodesign.com



The patina is more pronounced on paper softseating than on textile softseating. In either case, it is the material's natural response to use and the functionality of the piece is maintained.



gathering



softseating use + care

- With use, the surface texture of softseating will slightly crush forming a natural patina. This is more pronounced in the paper version than in the textile version. In either case, it is the material's natural response to use and the structural integrity is maintained.
- paper softseating cannot get wet. textile softseating, being made of a polyethylene material, can be wiped down but should not be left immersed in water.
- Either version of softseating can be used in an outdoor environment that is dry and clean. textile softseating can further be used in a semi-wet environment.
- When handling softseating, grip a few fins rather than handling a single fin.
- When separating the magnetic end panels, pry fingers between the connected panels to release the magnets rather than pulling on the fins.
- Before using softseating ensure it is correctly opened, with the honeycomb cells vertically aligned and open at the top of the seat. Do not sit on a seat with the cells horizontally aligned.
- When stacking softseating, care should be taken to avoid creating an unstable structure. Use your sense of balance and judgment.
- paper softseating is treated with a fire retardant and will not hold a flame. Contact molo for specific fire rating information.
- softseating is intended for long term flexible use. Nevertheless, they are made with recycled contents that are 100% recyclable.

softseating types + sizes

product		dimensions height x diameter or length	material	colour	product code
fanning stool + bench		stool 230 tall x 405mm ø (9" x 16") ships in box 350 x 230 x 110mm (13" x 9" x 4.25") brown paper 3.0kg (7lbs) black paper 3.1kg (7lbs) white textile 2.9kg (6lbs)	kraft paper textile	natural brown black white	SSK-BR-9-16 SSK-BL-9-16 SST-WH-9-16
		stool 305 tall x 405mm ø (12" x 16") ships in box 405 x 230 x 110mm (16" x 9" x 4.25") brown paper 4.0kg (8lbs) black paper 4.2kg (9lbs) white textile 2.9kg (6lbs)	kraft paper textile	natural brown black white	SSK-BR-12-16 SSK-BL-12-16 SST-WH-12-16
		**stool 305 tall x 610mm ø (12" x 24") **bench 305 tall x 305 wide x1800mm long (12" x 12" x 6') ships in box 405 x 330 x 140mm (16" x 13" x 5.5") brown paper 7.5kg (17lbs) black paper 7.8kg (17lbs) white textile 5.3kg (12lbs)	kraft paper textile	natural brown black white	SSK-BR-12-24 SSK-BL-12-24 SST-WH-12-24
		**stool 305 tall x 915mm ø (12" x 36") **bench 305 tall x 455 wide x2500mm long (12" x 18" x 8') ships in box 405 x 485 x 165mm (16" x 19" x 6.5") brown paper 12.0kg (26lbs) black paper 12.5kg (28lbs) white textile 9.7kg (21lbs)	kraft paper textile	natural brown black white	SSK-BR-12-36 SSK-BL-12-36 SST-WH-12-36
		stool 455 tall x 405mm ø (18" x 16") ships in box 560 x 230 x 110mm (22" x 9" x 4.25") brown paper 5.5kg (12lbs) black paper 5.7kg (13lbs) white textile 4.8kg (10lbs)	kraft paper textile	natural brown black white	SSK-BR-18-16 SSK-BL-18-16 SST-WH-18-16
		**stool 455 tall x 610mm ø (18" x 24") **bench 455 tall x 305 wide x 1800mm long (18" x 12" x 6') ships in box 560 x 330 x 140mm (22" x 13" x 5.5") brown paper 10.8kg (24lbs) black paper 11.2kg (25lbs) white textile 6.4kg (14lbs)	kraft paper textile	natural brown black white	SSK-BR-18-24 SSK-BL-18-24 SST-WH-18-24
fanning lounger		**stool 455 tall x 915mm ø (18" x 36") **bench 455 tall x 455 wide x 2500mm long (18" x 18" x 8') ships in box 560 x 485 x 165mm (22" x 19" x 6.5") brown paper 19.2kg (42lbs) black paper 20.0kg (44lbs) white textile 14.7kg (32lbs)	kraft paper textile	natural brown black white	SSK-BR-18-36 SSK-BL-18-36 SST-WH-18-36
		405 tall x 2150mm ø (16" x 84") ships in 3 boxes 1155 x 440 x 135mm (45.5" x 17.25" x 5.25") brown paper 68.0kg (150lbs) black paper 72.0kg (159lbs)	kraft paper	natural brown black	SSK-BR-16-84 SSK-BL-16-84
felt disc		405 tall x 1900mm ø (16" x 74") ships in 3 boxes 1025 x 440 x 135mm (40.75" x 17.25" x 5.25") white textile 48.0kg (107lbs)	textile	white	SST-WH-16-74
		20 thick x 380mm ø (0.75" x 15")	felted wool	natural grey	SCA-FDSC

*Weights may vary.



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