

Environmental & Specification Data



C6E5XX FMP1

Product Description

Sylphy's defining feature is its patented Body Curve Adjustment. With a simple movement of the levers, the backrest's contour adjusts to fit the individual. A narrower curve supports smaller frames with focused firmness. A broader curve creates a more relaxed, generous fit. It's a genuinely personal chair, intuitive, adaptable, and built around the diversity of modern teams.

Technical Certifications

- LEVEL® 3 - [SCS-SCF-30044](#) | 2025.05.01 - 2028.04.30
- Indoor Advantage Gold - Furniture - [SCS-IAQ-06410](#) | 2025.10.28 - 2026.09.16

Fire Requirements

Polyurethane foam meets BS 5852: Part 2
 Polyester Mesh meets BS EN 1021-1 & 2 and CAL TB 117-2013
 We recommend the use of wool or BS EN 1021-Crib 5 synthetic fabrics

Product Assets

We have a range of assets available for this and other products that you can find via this link: [Resource Library](#)

Company Certifications & Accreditations

Boss Design have achieved the following standards and accreditations:

- ISO 9001
- ISO 14001
- ISO 45001
- FIRA Membership
- FISP Full Membership
- ICO Data Protection Registration
- Returnable Packaging: CFC & HCFC Free
- Ecovadis Sustainability Rating - Bronze Medal
- Commercial Interiors Membership - 118/1298/C
- FSC® Certified Chain of Custody - Licence Code FSC® - C021884

Product Specification

- **Adjustments:** Lumbar 70 mm, headrest height and pivot, hanger 120 mm, high or headrest back options.
- **Design:** Clean form, mesh or upholstered back, black or white frame, 4D arms, optional lumbar, headrest, hanger.
- **Sustainability:** Durable and repairable, meets BIFMA X5.1, global environmental standards, recyclable materials.

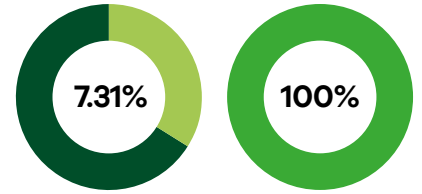
Product Dimensions

- **Height**
995 - 1244 mm
39 - 49 inches
- **Back Width**
455 mm
18 inches
- **Seat Width**
510 mm
20 inches
- **Lumbar Width**
255 mm
10 inches
- **Arm Width**
500 mm
19.75 inches
- **Seat Depth**
400 - 480 mm
15.75 - 19 inches

Recycled Content Recyclable Content

Disclaimer: This data is based on C6E5XX FMP1

Numbers may vary based on the exact options selected.



Material Data & Environmental Breakdown

Materials	Weight (kg)	Weight (%)	Material Recycled Content (%)	Material Recyclability (%)	Provenance
Acetal (Polyacetal)	0.19	1%	0.00%	100%	Japan
Epoxy Powder Coating	0.01	23%	0.00%	100%	Japan
Low Carbon Steel	2.75	0%	0.00%	100%	Japan
NBR	0.01	0%	0.00%	100%	Japan
Nylon 6	0.04	0%	0.00%	100%	Japan
Nylon 6 - GF30	6.20	27%	0.00%	100%	Japan
Nylon 6 - GF33	2.20	9%	0.00%	100%	Japan
Nylon 6 - GF35	0.02	0%	0.00%	100%	Japan
Nylon 66	0.60	3%	0.00%	100%	Japan
Nylon 66 - GF33	1.14	5%	0.00%	100%	Japan
Nylon 66 - GF50	0.02	0%	0.00%	100%	Japan
Polyacetal - GF25	0.05	0%	0.00%	100%	Japan
Polyester	0.20	0%	55.00%	100%	Japan
Polypropylene	1.50	0%	100.00%	100%	Japan
Polypropylene - GF10	0.10	1%	0.00%	100%	Japan
Stainless Steel	0.01	6%	0.00%	100%	Japan
Steel	1.35	0%	0.00%	100%	Japan
BioPUR Foam	0.78	0%	0.00%	100%	UK
Totals	17.16kg	100%	7.31%	100%	

CO₂ Measure

N.B. Carbon Footprint calculations made cover the cradle-to-gate phases of a typical product lifecycle assessment. The calculations are based on Boss operational data and average emission factors validated by third-party open data sources.

83.61 kg CO₂e

Material Acquisition	74.02 kg CO ₂ e
Production Processing	6.25 kg CO ₂ e
Sourcing	3.34 kg CO ₂ e
Per Item	