

# **Product Description**

Airy and light, the soft touch of the Reply's tensioned mesh back follows the body's natural movement. Combined with the highly responsive synchro mechanism, the task chair provides immediate and constant support for natural movement throughout the day. Simple controls place easy-to-use adjustments for personalizing comfort at your fingertips.



# **Material Declaration**

Metal	kg	%
Steel	5.53	38%
Aluminum Die Casting	0.95	7%

Plastic	кg	%
Polypropylene	1.45	10%
Polyurethane Foam	0.68	5%
Nylon	5.00	34%
Acetal (Delrin)	0.27	2%
ABS	0.10	1%
Other Plastic	0.36	2%

Others	кв	70
Miscellaneous	0.18	1%

# **Manufacturing Information**

The selected product Reply Chair is manufactured in Steelcase Manufacturing Malaysia in Puchong (Malaysia)

Steelcase, which was founded in 1912, has been dedicated to creating innovative products and helping people work more effectively for almost a century. Steelcase has management systems for Quality (ISO 9001) and for the Environment (ISO 14001), ensuring that our customers are guaranteed the same level of product quality and environmental performance, wherever they are in the world. Steelcase is committed to continually reducing the environmental impacts of its products and activities on a global scale. For further information visit www.steelcase.asia



# Life cycle stages



#### Materials

The stage includes raw materials extraction and transformation into material ready to be used.



### Production

This stage comprises all production and assembly processes taking place at Steelcase or at suppliers.



### Transport

Transport from suppliers to the production site and transport from the production site to Asia Pacific markets is considered.



No relevant environmental exchanges occur during use of the product.



#### End of life

Any product can be disposed in different ways and also base on the availabilities of recycle center at the particular market. Steelcase product used high recycle content materials and is also recyclable as to sustain the environment together.

## **Recycle Content Calculation**

	Weight (Kg)	Percentage (%)
Recycled Content	2.50	17%
Post Consumer Recycle Content	1.75	12%
Pre Consumer Recycle Content	0.74	5%
Recyclable Content	13.98	96%
Total Weight	14.52	-

## **Certified Result**

Chemical Group	Criteria	Acceptance
TVOC	≤0.25 mg/m³	Pass
Formaldehyde	≤25 ppb	Pass
Total Aldehydes	≤50 ppb	Pass
4-Phenylcyclohexene (4-PCH)	≤0.00325 mg/m³	Pass





- Reply chair is up to 96% recyclable by weight.
- Cardboard and LDPE plastic film used in packaging are 100% recyclable.





- · Reply chair is designed for long product life cycle.
- Reply chair is design for easy and minimal maintenance.
- Reply chair has passed the ANSI/BIFMA M7.1/X7.1 indoor air quality standards.



### **Transportation**

· Minimized packaging volume also helps to improve filling rates and thus requires less energy for shipping.

### Material

- Reply chair weighs 14.52 kg.
- Reply chair contains up to 17% recycled materials.
- Reply chair is PVC free.
- Reply chair is made with minimum number of components and different materials.

· Indirectly reduces the amount of carbon footprint

### Production

- · Reply chair was designed to be made with minimal waste, energy consumption and environmental impact.
- Reply chair is manufactured at our Puchong, Malaysia plant certified with ISO 9001 and ISO 14001.
- · Powder coat painting is virtually VOC free and heavy metals free.
- The chair is designed for environment in easy disassembly supporting the end of life of Steelcase products.

### Reply chair Rev01

#### Disclaimer:

Numbers may vary based on model and options selected. Calculations of recycled content are based on data provided by suppliers and other available information. This data may include industry averages, ranges or other broadly based information. Steelcase makes conservative assumptions when compiling this information to provide the most accurate recycled content calculations possible but variability in market conditions or manufacturing processes may result in higher or lower content. This document may be subject to review and update from time to time without notice.