



The Think office chair intuitively responds to the movement of the body to provide comfort. Fully redesigned and reengineered, Think is smart, simple and sustainable.



## **Material Declaration**

Metal	kg	%
Steel	4.60	29%
Aluminum	4.49	28%
Zamak	0.05	0.3%
Other Metal	0.63	3.9%

Plastic	kg	%
DD	4.00	400/
PP	1.63	10%
PU Foam	0.95	6%
Nylon	3.35	21%
Acetal (Delrin)	0.14	1%
ABS	0.05	0.3%
Polyester	0.05	0.3%
Fiberglass	0.10	0.6%

)	1.63	10%
J Foam	0.95	6%
lon	3.35	21%
etal (Delrin)	0.14	1%
SS	0.05	0.3%
lyester	0.05	0.3%
perglass	0.10	0.6%

# **Manufacturing Information**

The selected product Think 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) in both of our plants as well as an additional management system for occupational safety (OHSAS 18001) in Dongguan plant, 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 (%)	4.42	28%
Post Consumer Recycle Content (%)	2.85	18%
Pre Consumer Recycle Content (%)	1.57	10%
Recyclable Content (%)	15.31	95%
Total Weight	16.04	-

### **Certified Result**

Chemical Group	Criteria	Acceptance
TVOC Toluene	≤0.25 mg/m³	Pass
Formaldehyde	≤25ppb	Pass
Total Aldehyde	≤50ppb	Pass
4-Phenylcyclohexene	≤0.00325 mg/m³	Pass





- Think is up to 95% recyclable by weight.
- Cardboard and LDPE plastic film used for packaging are 100% recyclable.



- Think is designed for long product life cycle.
- Think has passed the ANSI/BIFMA M7.1/X7.1 indoor air quality standards.
- · Low maintenance is required during the product use phase.



### Material

- Think weighs 16.04 kg.
- Think contains up to 28% recycled materials.
- Think is PVC free
- Think is made with minimum number of components and different materials.

### Transportation

- · Minimized packaging volume also helps to improve filling rates and thus requires less energy for shipping.
- · Indirectly reduces the amount of carbon footprint

### Production

- Think was designed to be made with minimal waste, energy consumption and environmental impact.
- Think is manufactured at Malaysia plant which is certified with ISO 9001 and ISO 14001.
- Powder coat painting is virtually VOC free and heavy metals free.
- The system is designed for easy disassembly.

#### Think 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.