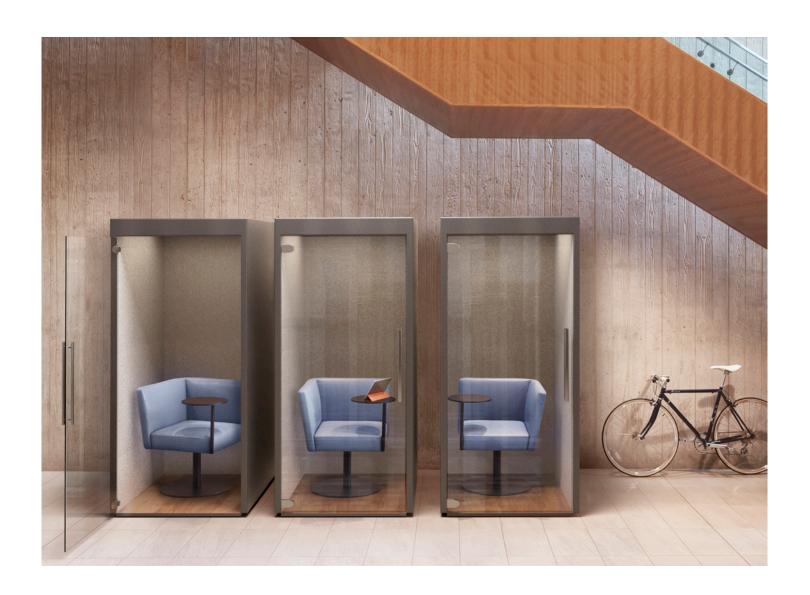
## **KEILHAUER**





## **Table Of Contents**

Planet Keilhauer Overview	. 2
Pact Seating Life Cycle	. 3
Environmental Standards & Credit Applicability	5
Materials & Recycled Content	-

## Planet Keilhauer Overview

As part of our commitment to transparency and disclosure, Keilhauer is proud to present our Product Environmental Criteria documents. These documents will provide information on our corporate sustainability goals as well as specific environmental information about our products. For information not found in this document please visit our website or contact your local sales representative.

Keilhauer is a design activist and a pioneer in creating sustainable solutions. We believe that good business and long term success is measured by the Triple Bottom Line, meaning we harmoniously look after our people, our environment and our economic success. We introduced a comprehensive sustainability program called Planet Keilhauer so that sustainability would be prioritized throughout our company.

Planet Keilhauer is driven by its Corporate Goal of closed loop manufacturing. We are guided by our sustainability policy, occupied by our sustainability programs, and supported by our people.



#### We'll know we have a closed loop system when:

- We use 100% recycled content or rapidly renewable materials.
- We are powered by 100% renewable energy.
- · We can disassemble, reuse, recycle, or biodegrade our products. · We use materials with 0 impact on humans and the environment.
  - · We create 0 waste in our facilities.
  - · We use 0 water in our processes.

#### Keilhauer Environmental Certifications

Keilhauer is proud to have many of our products certified under the following certifications (see Life Cycle Section for product applicability):



#### BIFMA LEVEL®

Many Keilhauer products have been certified by SCS Global Services under BIFMA's multi-attribute sustainability standard: LEVEL®.



#### Indoor Air Quality

Many Keilhauer products have been certified by SCS Global Services for Indoor Air Quality achieving Indoor Advantage™ Gold. This means they meet rigorous and comprehensive air quality standards.



#### FSC® Forest Stewardship Council®

We believe in responsible forestry and ethically sourced materials. Many Keilhauer products are made from FSC-certified wood parts.



#### Carbonfree® Product Certification

Keilhauer's Swurve chair is certified by Carbonfund.org to be carbon neutral.

## Pact Seating Life Cycle

### 1. Design for Environment

Keilhauer's interdisciplinary Design for Environment Program (DfE) ensures that we design our products in line with our sustainability goals. This includes holistic life cycle thinking, material specification and sourcing so that we create exceptionally well designed and safe products with long, useful lives that are repairable and recyclable. Members of the DfE team include managers from Manufacturing, Engineering, Operations, Sustainability, and even our President!

### 2. Pact Seating Certification

Pact seating is certified under the following industry standard certifications:





BIFMA LEVEL 3 Registration # SCS-SCF-30007





Indoor Advantage™ Gold Registration # SCS-IAQ-03451

#### 3. Environmental Standards

Keilhauer products may assist in achieving credits under the following industry standards and certifications:

#### WELL™ v2 Building Standard

Keilhauer products may be applied to the three WELL project typologies:

- · New and Existing Buildings
- · New and Existing Interiors
- · Core and Shell

For more credit specific details, see WELL v2 Building Standard Credit Applicability on page 5.

#### LEED® v4.1

Keilhauer products may assist with the following LEED Projects. For more credit specific details, see LEED v4.1 Credit Applicability on pages 5 and 6.







Building Design + Construction

Interior Design + Construction

Building Operations + Maintenance

Applicable credits can be found in the following sections:

- · Materials and Resources Credits
- · Indoor Environmental Quality
- · Pilot Credits

Healthier Hospitals for Safer Chemicals Challenge - V2.0

Pact seating complies with this standard. Please reference www.healthierhospitals.org for more information.

## 4. Supply Chain

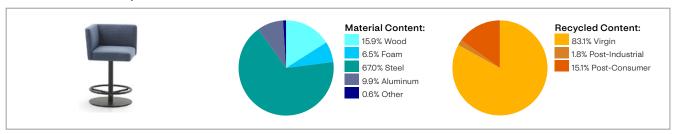
We have always believed that who you do business with is fundamental to how you do business. We work with vendors that conduct business honestly and ethically, giving priority to local vendors. We also work with vendors to include recycled materials and to source raw materials from sustainable sources.

### 5. Materials & Recycled Content

Our products are made from a variety of materials, some of which are made using recycled content. See below for percentages from our best seller. For other models please reference the chart at the end of the document.

Note: Recycled content is determined by weight. Products may contain both pre-consumer and post-consumer recycled content materials. Post-industrial (pre-consumer) recycled content is material diverted from the waste stream during manufacturing. Post-consumer recycled content is material generated by end users such as households, commercial, or consumers of the final product.

#### Best seller: Pact 77010, Counter stool with a flat base



## 6. Manufacturing Plant

To target efficiency, we measure our resource use and perform regular audits. Using the data generated, we can evaluate our processes such as energy and water use and shift our capital investments to align with our sustainability goals.

## 7. Final Manufacturing Location

Keilhauer products are manufactured in Toronto, Ontario, Canada.



## 8. Blanket Wrapping

When shipping seating, Keilhauer's standard is to cover products in a recyclable plastic bag (made using recycled content), and then wrap in a reusable blanket. The blanket is taken back by the shipper at delivery. Alternatively, products can be shipped in recyclable cardboard boxes. Depending on the model, some tables are packed in wooden crates.

#### End of Product Life

For information on repairability and recyclability see 'End of Product Life Document: Lounge' located on our website: www.keilhauer.com.

## Environmental Standards & Credit Applicability

Keilhauer products may assist with the following features and credits:

### WELL v2 Building Standard Credit Applicability

#### Materials

#### **FEATURE: X05 Enhanced Material Restrictions**

Keilhauer restricts the use of heavy metals in all products. Any Keilhauer components that constitute a minimum of 5% by weight meet the following thresholds for material content: Less than 100 ppm of Mercury, Cadmium and Antimony.

All standard Keilhauer components are free of halogenated flame retardants, meeting CAL 117-2013 without the use of chemical flame retardants and are labeled accordingly. Urea formaldehyde content of all Keilhauer composite wood and laminate components complies with TSCA Title VI. Textiles and plastic components may contain lead and polyfluoroalkyl substances (PFAS) in amounts less than 1000 ppm. Please contact sustainability@keilhauer.com for details.

#### **FEATURE: X06 VOC Restrictions**

Pact seating is certified by SCS Global Services for Indoor Air Quality at the Indoor Advantage™ Gold level and conforms to the requirements set out in the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2016) and ANSI/BIFMA e.3-2019 (Credits 7.6.1, 7.6.2, 7.6.3) for seating parameters. Also conforms to the CDPH/EHLB Standard Method (CA 01350) v1.2-2017 for seating. See registration number located in the Life Cycle section on page 3 of this document. The certificate can be found on Keilhauer's website under the sustainability section.

### LEED v4.1 Credit Applicability

#### **LEED ID+C Interior Design + Construction**

#### Materials and Resources (MR) Credits:

#### CREDIT: Construction and Demolition Waste Management Planning

When shipping, Keilhauer covers seating in a recyclable plastic bag (made using recycled content) which is then wrapped with a protective reusable blanket. The blanket is taken back by the shipper at delivery. Alternatively, products can be shipped in recyclable cardboard boxes. See page 4 for End of Product Life details.

#### **CREDIT: Interiors Life Cycle Impact Reduction**

Keilhauer products are designed for durability and offer a long useful life with a ten year warranty. Some products may be refurbished and reused to contribute to this point on future projects.

#### **CREDIT: Sourcing of Raw Materials**

Materials Reuse: Keilhauer products are designed for durability and offer a long useful life with a ten year warranty. Some products may be refurbished and reused to contribute to this point on future projects.

Recycled Content: The majority of Keilhauer products contain some recycled content and may assist in contributing to this credit. Reference the chart on pages 7-12 for model specific recycled content percentages.

#### **LEED BD+C Building Design + Construction**

#### Materials and Resources (MR) Credits:

#### CREDIT: Construction and Demolition Waste Management Planning

When shipping, Keilhauer covers seating in a recyclable plastic bag (made using recycled content) which is then wrapped with a protective reusable blanket. The blanket is taken back by the shipper at delivery. Alternatively, products can be shipped in recyclable cardboard boxes. See page 4 for End of Product Life details.

#### **CREDIT: Sourcing of Raw Materials**

**Materials Reuse:** Keilhauer products are designed for durability and offer a long useful life with a ten year warranty. Some products may be refurbished and reused to contribute to this point on future projects.

**Recycled Content:** The majority of Keilhauer products contain some recycled content and may assist in contributing to this credit. Reference the chart on pages 7-12 for model specific recycled content percentages.

#### **CREDIT: Furniture and Medical Furnishings**

(Option 3. Building Product Disclosure and Optimization)

Materials Reuse: Keilhauer products are designed for durability and offer a long useful life with a ten year warranty. Some products may be refurbished and reused to contribute to this point on future projects.

Recycled Content: The majority of Keilhauer products contain some recycled content and may assist in contributing to this credit. Reference the chart on pages 7-12 for model specific recycled content percentages.

#### Indoor Environment Quality (EQ) Credits:

#### **CREDIT: Low Emitting Materials**

Pact seating is certified by SCS Global Services for Indoor Air Quality at the Indoor Advantage™ Gold level and conforms to the requirements set out in the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2016) and ANSI/BIFMA e.3-2019 (Credits 7.6.1, 7.6.2, 7.6.3) for seating parameters. Also conforms to the CDPH/EHLB Standard Method (CA 01350) v1.2-2017 for seating. See registration number located in the Life Cycle section on page 3 of this document. The certificate can be found on Keilhauer's website under the sustainability section.

#### LEED O+M Operations + Maintenence

#### Materials and Resources (MR) Credits:

#### PREREQ: Facility Maintenance and Renovations Policy

Low Emissions of VOC: Pact seating is certified by SCS Global Services for Indoor Air Quality at the Indoor Advantage™ Gold level and conforms to the requirements set out in the ANSI/BIFMA Furniture Emissions Standard (M7.1/X7.1-2011 R2016) and ANSI/BIFMA e.3-2019 (Credits 7.6.1, 7.6.2, 7.6.3) for seating parameters. Also conforms to the CDPH/EHLB Standard Method (CA 01350) v1.2-2017 for seating. See registration number located in the Life Cycle section on page 3 of this document. The certificate can be found on Keilhauer's website under the sustainability section.

**Materials Reuse:** Keilhauer products are designed for durability and offer a long useful life with a ten year warranty. Some products may be refurbished and reused to contribute to this point on future projects.

**Recycled Content:** The majority of Keilhauer products contain some recycled content and may assist in contributing to this credit. Reference the chart on pages 7-12 for model specific recycled content percentages.

#### LEED Pilot Credit (PC)

#### BD+C: Building Design + Construction, ID+C: Interior Design + Construction

#### PC 112: Certified Multi-Attribute Products and Materials

Many Keilhauer products are certified by SCS Global Services for BIFMA LEVEL certification. The registration number is located in the Life Cycle section of this document. The certificate can be found on Keilhauer's website under the sustainability section.

# Materials & Recycled Content

Produ	ot	Material Content									
MODEL	# DESCRIPTION	POST CONSUMER	POST INDUSTRIAL	TOTAL	WOOD	PLASTIC	FOAM	STEEL	ALUMINUM	FIBER	OTHER
PACT 77000		20.5%	2.4%	22.9%	18.9%	0.0%	8.4%	68.8%	3.2%	0.0%	0.6%
PACT 7700		30.4%	3.4%	33.8%	32.9%	0.0%	13.8%	35.5%	15.7%	0.0%	2.1%
PACT 7700:		34.9%	3.9%	38.8%	30.4%	O.1%	13.6%	41.0%	14.6%	0.0%	0.4%
PACT 777010		15.1%	1.8%	16.9%	15.9%	0.0%	6.5%	67.0%	9.9%	0.0%	0.6%
PACT 77020		15.2%	1.8%	17.0%	15.7%	0.0%	6.4%	66.0%	11.2%	0.0%	0.7%
PACT 77100		3.6%	0.2%	3.8%	66.9%	0.1%	14.3%	0.8%	17.7%	0.1%	0.2%
PAC1 7710		6.9%	0.4%	7.3%	69.2%	0.4%	14.0%	1.9%	9.5%	0.0%	4.9%
PAC1 77102		6.2%	0.5%	6.7%	65.5%	0.3%	19.1%	2.4%	8.3%	0.0%	4.3%
PAC1 77103		6.2%	0.5%	6.7%	65.5%	0.3%	19.1%	2.4%	8.3%	0.0%	4.3%
PAC1 7711C		2.4%	O.1%	2.5%	76.9%	0.0%	10.9%	0.5%	11.5%	0.1%	0.1%
PACT 77111		4.4%	0.3%	4.8%	76.5%	0.3%	12.6%	1.5%	6.0%	0.0%	3.1%

Pi	Product Recycled Content						Material Content								
	MODEL#	DESCRIPTION	POST CONSUMER	POST INDUSTRIAL	TOTAL	WOOD	PLASTIC	FOAM	STEEL	ALUMINUM	FIBER	OTHER			
	PACT 77112	2-SEATER HALF BACK BENCH WITH LAF ARM	4.1%	0.4%	4.6%	72.9%	0.2%	16.6%	2.0%	5.5%	0.0%	2.8%			
	PACT 77113	2-SEATER HALF BACK BENCH WITH RAF ARM	4.1%	0.4%	4.6%	72.9%	0.2%	16.6%	2.0%	5.5%	0.0%	2.8%			
	PACT 77114	2-SEATER CUTOUT BENCH	3.7%	0.5%	4.3%	71.2%	0.2%	18.8%	2.6%	4.8%	0.0%	2.5%			
	PACT 77116	2-SEATER HALF BACK BENCH WITH LAF ARM COR- NER UNIT	7.47%	1.07%	8.54%	83.79%	0.12%	4.79%	8.90%	0.78%	0.02%	1.60%			
	PACT 77117	2-SEATER HALF BACK BENCH WITH RAF ARM COR- NER UNIT	7.47%	1.07%	8.54%	83.79%	0.12%	4.79%	8.90%	0.78%	0.02%	1.60%			
	PACT 77120	BACKLESS 3-SEATER BENCH	2.0%	O.1%	2.1%	79.7%	0.0%	10.0%	0.5%	9.6%	0.1%	0.1%			
	PACT 77121	3-SEATER BENCH	3.7%	0.3%	4.0%	78.3%	0.2%	12.5%	1.5%	4.9%	0.0%	2.5%			
	PACT 77122	3-SEATER HALF BACK BENCH WITH LAF ARM	3.8%	0.4%	4.2%	74.7%	0.2%	15.6%	1.8%	5.0%	0.0%	2.6%			
	PACT 77123	3-SEATER HALF BACK BENCH WITH RAF ARM	3.8%	0.4%	4.2%	74.7%	0.2%	15.6%	1.8%	5.0%	0.0%	2.6%			
	PACT 77124	3-SEATER CUTOUT BENCH	3.4%	0.5%	3.9%	73.0%	0.2%	17.8%	2.4%	4.4%	0.0%	2.3%			
	PACT 77126	3-SEATER HALF BACK BENCH WITH LAF ARM COR- NER UNIT	9.71%	1.39%	11.09%	78.52%	0.16%	6.65%	11.56%	1.01%	0.03%	2.07%			

Р	roduc	t	Recy	cled Co	ntent	Material Content						
										ALUMINUM		OTHER
	PACT 77127	3-SEATER HALF BACK BENCH WITH RAF ARM CORNER UNIT	9.71%	1.39%	11.09%	78.52%	0.16%	6.65%	11.56%	1.01%	0.03%	2.07%
	PACT 77130	BACKLESS 4-SEATER BENCH	1.7%	0.1%	1.8%	80.8%	0.0%	10.2%	0.4%	8.4%	0.1%	0.1%
	PACT 77131	4-SEATER BENCH	3.2%	0.3%	3.5%	79.6%	0.2%	12.3%	1.3%	4.4%	0.0%	2.2%
	PACT 77132	4-SEATER HALF BACK BENCH WITH LAF ARM	3.5%	0.4%	3.9%	75.6%	0.2%	15.4%	1.7%	4.7%	0.0%	2.4%
	PACT 77133	4-SEATER HALF BACK BENCH WITH RAF ARM	3.5%	0.3%	3.8%	75.9%	0.2%	15.4%	1.4%	4.7%	0.0%	2.4%
	PACT 77140	120° BACKLESS BENCH	2.4%	0.1%	2.5%	74.0%	0.0%	13.7%	0.6%	11.5%	0.1%	0.1%
	PACT 77141	120° INSIDE BENCH	3.6%	0.2%	3.9%	73.0%	0.2%	16.9%	1.2%	6.5%	0.0%	2.2%
	PACT 77151	120° OUTSIDE BENCH	3.3%	0.3%	3.5%	75.1%	0.2%	15.7%	1.2%	5.8%	0.0%	2.0%
	PACT 77160	360° BACKLESS BENCHING	11.3%	1.0%	12.3%	66.0%	0.0%	12.2%	11.4%	10.3%	0.1%	0.1%
	PACT 77161	360° BENCHING	6.8%	0.8%	7.6%	71.6%	O.1%	14.9%	7.2%	5.5%	0.0%	0.7%
	PACT 77170	TRI BACKLESS BENCH	2.6%	0.2%	2.7%	73.1%	0.0%	13.6%	0.8%	12.3%	0.1%	0.1%

P	roduct		Recy	cled Co	ntent	Material Content						
	MODEL#	DESCRIPTION	POST CONSUMER	POST INDUSTRIAL	TOTAL	WOOD	PLASTIC	FOAM	STEEL	ALUMINUM	FIBER	OTHER
	PACT 77171	TRI BENCH	2.2%	0.3%	2.5%	77.8%	0.2%	17.9%	1.2%	0.9%	0.1%	1.9%
	PACT 77210	2-SEATER TETE-A-TETE SHORT LAF BACK	3.7%	0.5%	4.3%	71.2%	0.2%	18.8%	2.6%	4.8%	0.0%	2.5%
	PACT 77211	2-SEATER TETE-A-TETE SHORT RAF BACK	3.7%	0.5%	4.3%	71.2%	0.2%	18.8%	2.6%	4.8%	0.0%	2.5%
	PACT 77220	3-SEATER TETE-A-TETE SHORT LAF BACK	3.4%	0.5%	3.9%	73.0%	0.2%	17.8%	2.4%	4.4%	0.0%	2.3%
	PACT 77221	3-SEATER TETE-A-TETE SHORT RAF BACK	3.4%	0.5%	3.9%	73.0%	0.2%	17.8%	2.4%	4.4%	0.0%	2.3%
	PACT 77224	3-SEATER ASYMMET- RICAL TETE- A-TETE LAF BENCH	3.0%	0.5%	3.5%	73.7%	0.2%	17.9%	2.4%	3.9%	0.0%	2.0%
	PACT 77225	3-SEATER ASYMMET- RICAL TETE- A-TETE RAF BENCH	3.0%	0.5%	3.5%	73.7%	0.2%	17.9%	2.4%	3.9%	0.0%	2.0%
	PACT 77230	4-SEATER TETE-A-TETE SHORT LAF BACK	3.2%	0.5%	3.7%	73.9%	0.2%	17.4%	2.2%	4.2%	0.0%	2.1%
<b>—</b> —	PACT 77231	4-SEATER TETE-A-TETE SHORT RAF BACK	3.2%	0.5%	3.7%	73.9%	0.2%	17.4%	2.2%	4.2%	0.0%	2.1%
	PACT 77234	4-SEATER ASYMMET- RICAL TETE- A-TETE LAF BENCH	2.9%	0.5%	3.4%	74.5%	0.2%	17.5%	2.2%	3.7%	0.0%	1.9%
<b>—</b>	PACT 77235	4-SEATER ASYMMET- RICAL TETE- A-TETE RAF BENCH	2.8%	0.5%	3.3%	73.4%	0.2%	18.7%	2.2%	3.6%	0.0%	1.9%

P	roduct	:	Recy	cled Co	ntent	Material Content						
	MODEL#	DESCRIPTION			TOTAL	WOOD	PLASTIC		STEEL	ALUMINUM		OTHER
	PACT 77300	ONE SEAT BENCH WITH PRIVACY SCREEN	2.6%	0.4%	3.0%	62.1%	1.1%	12.6%	1.9%	8.5%	13.6%	0.1%
	PACT 77301	ONE SEAT BENCHES WITH PRIVA- CY SCREEN	12.8%	1.5%	14.4%	58.1%	1.0%	11.8%	14.7%	8.0%	6.4%	0.1%
	PACT 77302	ONE SEAT BENCH WITH LAF ARM AND PRIVACY SCREEN	6.9%	0.6%	7.6%	52.9%	2.1%	15.4%	3.8%	6.7%	15.6%	3.4%
	PACT 77303	ONE SEAT BENCH WITH RAF ARM AND PRIVACY SCREEN	6.9%	0.6%	7.6%	52.9%	2.1%	15.4%	3.8%	6.7%	15.6%	3.4%
	PACT 77310	2-SEATER BENCH WITH PRIVACY SCREEN	2.0%	0.3%	2.3%	66.7%	0.7%	11.0%	1.5%	5.3%	14.9%	0.1%
	PACT 77311	2-SEATER BENCH WITH PRIVACY SCREEN	8.6%	1.1%	9.6%	66.0%	0.6%	10.9%	9.9%	5.2%	7.4%	0.1%
	PACT 77312	2-SEATER BENCH WITH LAF ARM AND PRIVACY SCREEN	4.9%	0.5%	5.4%	59.5%	1.4%	13.5%	2.8%	4.5%	16.0%	2.3%
	PACT 77313	2-SEATER BENCH WITH RAF ARM AND PRIVACY SCREEN	4.9%	0.5%	5.4%	59.5%	1.4%	13.5%	2.8%	4.5%	16.0%	2.3%
	PACT 77322	3-SEATER BENCH WITH LAF ARM AND PRIVACY SCREEN	4.6%	0.5%	5.0%	62.0%	1.3%	13.0%	2.6%	4.1%	14.8%	2.1%
	PACT 77323	3-SEATER BENCH WITH RAF ARM AND PRIVACY SCREEN	4.6%	0.5%	5.0%	62.0%	1.3%	13.0%	2.6%	4.1%	14.8%	2.1%
	PACT 77332	4-SEATER BENCH WITH LAF ARM AND PRIVACY SCREEN	4.3%	0.4%	4.8%	63.5%	1.2%	12.9%	2.5%	3.9%	14.0%	2.0%

Pi	roduct	t	Recy	cled Co	ntent	Material Content						
												OTHER
	PACT 77333	4-SEATER BENCH WITH RAF ARM AND PRIVACY SCREEN	4.3%	0.4%	4.8%	63.5%	1.2%	12.9%	2.5%	3.9%	14.0%	2.0%
	PACT 77340	120° INSIDE BENCH AND PRIVACY SCREEN	3.6%	0.4%	3.9%	66.1%	1.1%	15.3%	2.1%	1.0%	12.5%	2.0%
	PACT 77350	120° OUTSIDE BENCH AND PRIVACY SCREEN	3.6%	0.3%	3.9%	55.1%	0.8%	11.5%	1.7%	0.7%	28.8%	1.4%
	PACT 77361	360° BENCHING AND PRIVACY SCREEN	6.4%	0.8%	7.2%	62.4%	0.8%	12.5%	7.0%	0.3%	16.4%	0.5%
	PACT 77370	TRI BENCH AND PRIVACY SCREEN	2.5%	0.2%	2.7%	67.7%	0.6%	9.1%	1.2%	0.5%	19.9%	1.0%
	PACT 77600	ONE SEAT PRIVACY BOOTH	4.3%	0.4%	4.7%	40.3%	1.2%	8.2%	2.5%	5.5%	42.3%	0.1%
	PACT 77601	ONE SEAT ADJOINING PRIVACY BOOTH	11.0%	1.2%	12.1%	40.9%	0.8%	8.3%	11.1%	5.6%	33.3%	O.1%
	PACT 77610	2-SEATER PRIVACY BOOTH	3.4%	0.3%	3.7%	47.3%	0.8%	7.8%	1.9%	3.7%	38.5%	0.0%
	PACT 77611	2-SEATER ADJOINING PRIVACY BOOTH	8.0%	0.9%	8.9%	50.3%	0.6%	8.3%	8.0%	4.0%	28.8%	0.0%

#### Document Disclaimer:

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