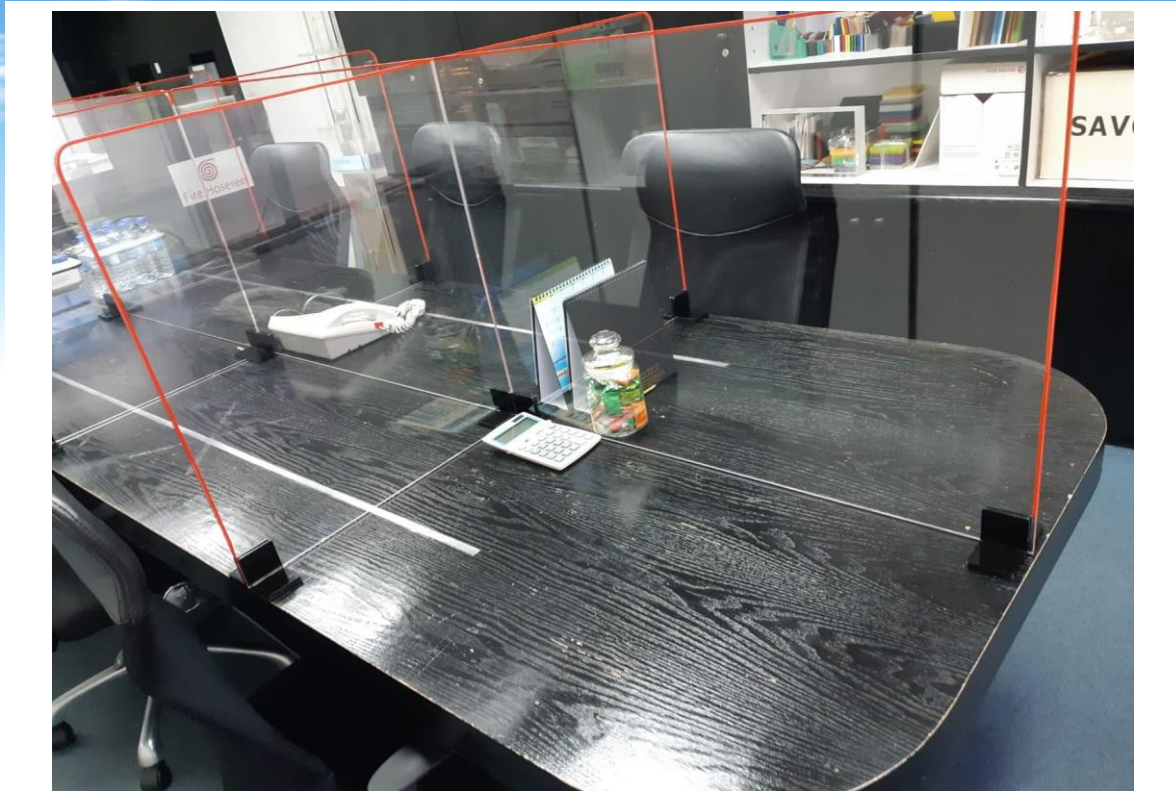




## Clear Acrylic Screen Dividers



*For Your Peace of Mind*

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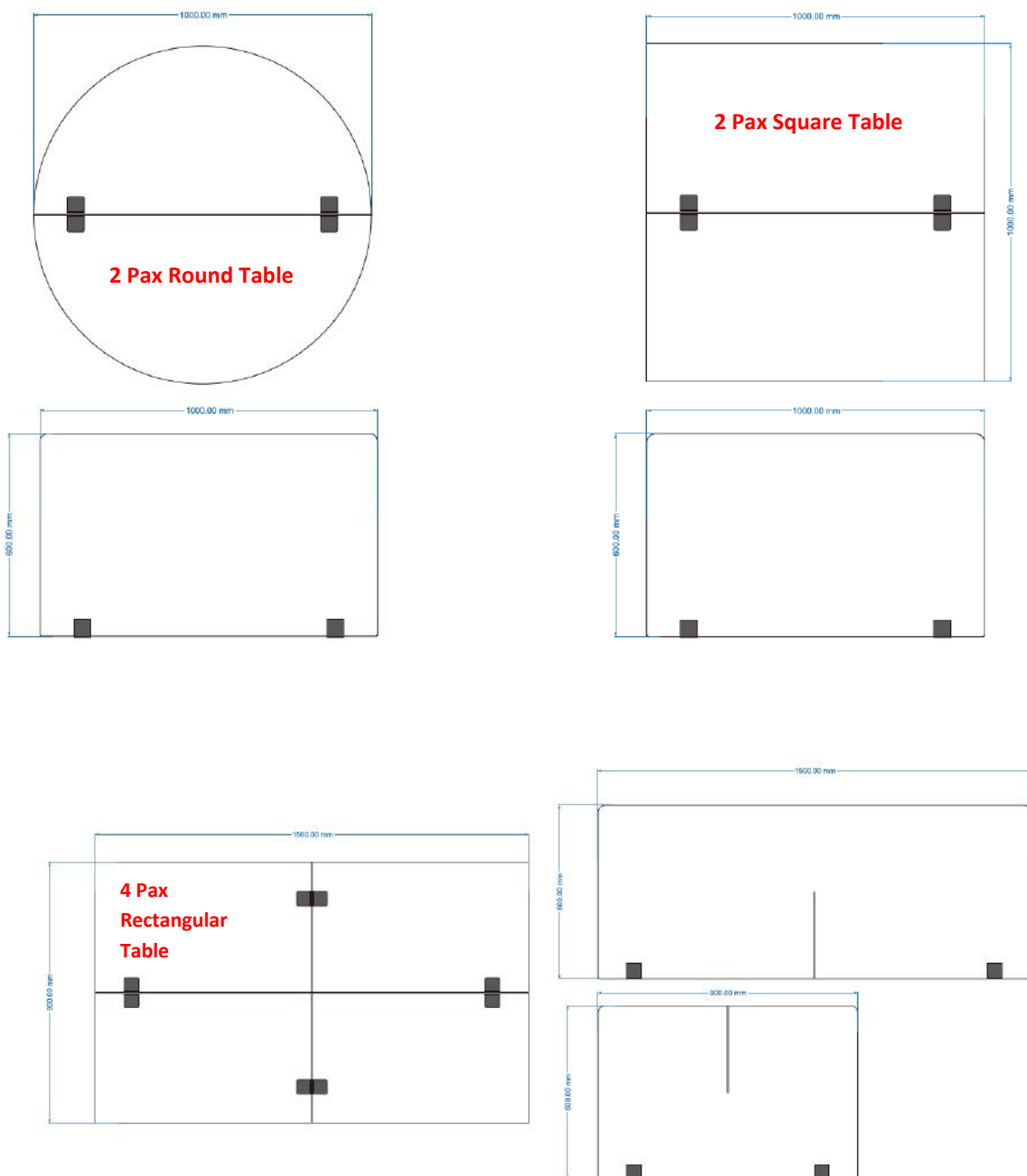
Table Top | Counter Top | Office Partition | Flat Surfaces

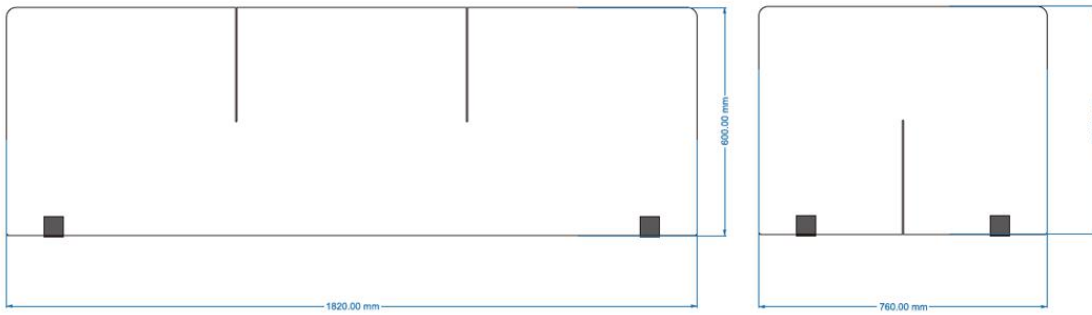
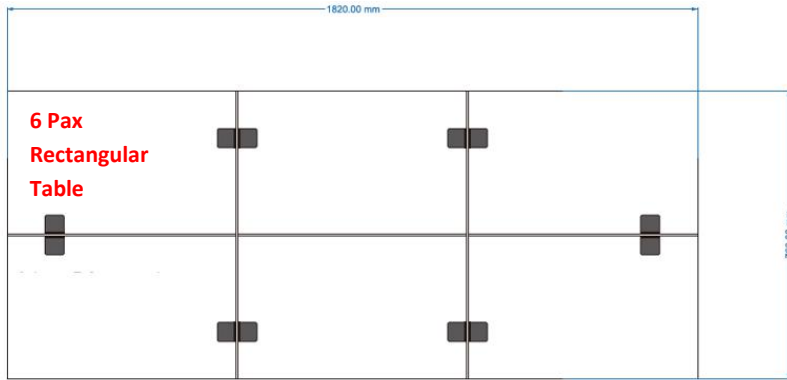
Whether it is for shared table at food court, customer service counter top, pantry table or your office partition, we can offer a customised solution for your acrylic divider needs.

Our clear acrylic dividers are available in various thickness and mounting design for different applications.

Make this part of your safe management measures today.

**Typical Acrylic Divider Design Drawings for Tables**

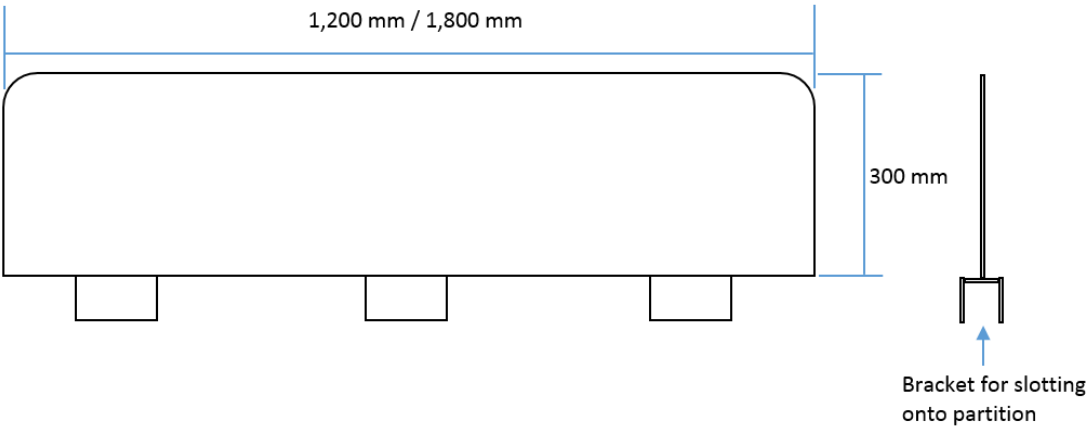




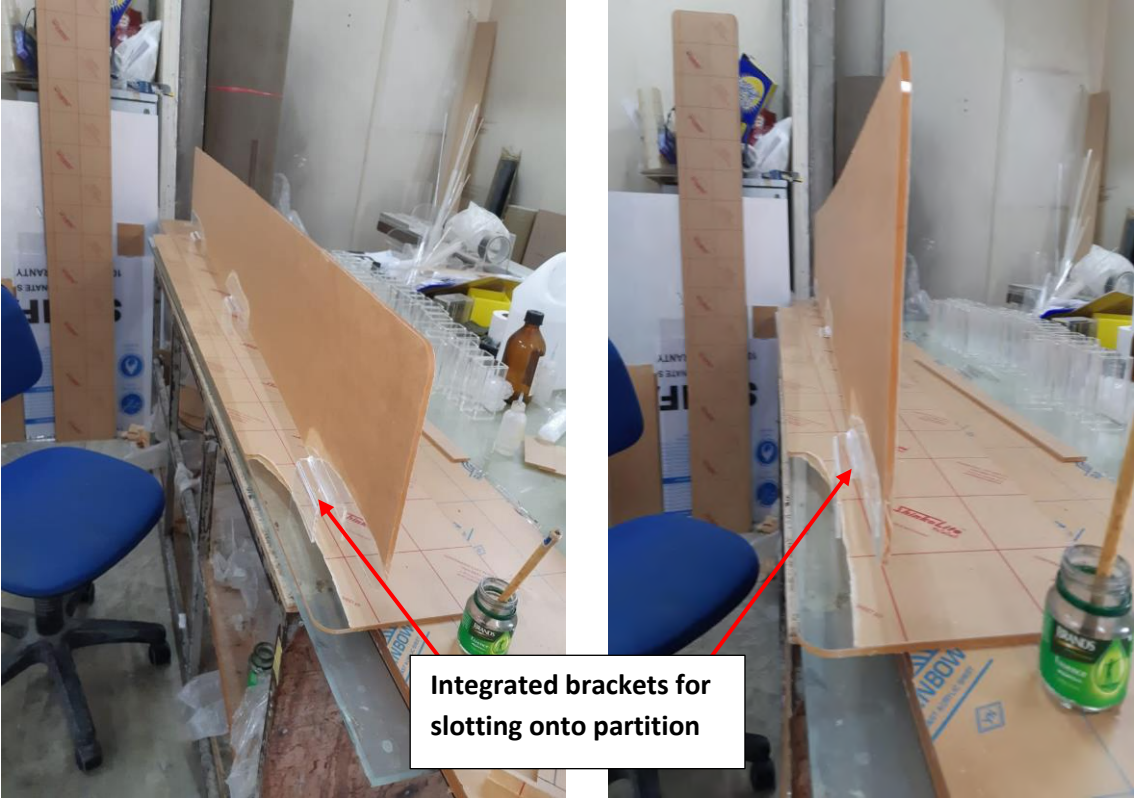
**Typical Acrylic Divider for Tables**



**Typical Acrylic Divider Design Drawing for Office Partitions**



**Typical Acrylic Divider for Office Partitions**



## Technical Data of Acrylic Sheet

### Chemical Resistant Properties 化学性能

Sulfuric Acid 60°C 硫酸 60 摄氏度	Stability to 60% 稳定性至 60%	Aqueous Ammonia 60°C 氨水 60 摄氏度	Stability to 18% 稳定性至18%
Hydrochloric Acid 60°C 盐酸 60 摄氏度	Stability to 30% 稳定性至 30%	Acetic Acid 60°C 醋酸 60 摄氏度	Dissolvable 溶解
Nitric Acid 60°C 硝酸 60 摄氏度	Stability to 20% 稳定性至 20%	Chlorine Water 氯水	Change to dark Colour 变暗
Caustic Soda 60°C 烧碱 60 摄氏度	Stability to 50% 稳定性至 50%	Iodine Tincture 碘酒	Easily Colorate 容易着色

### Resistant Properties to Solvents 溶剂的耐热性能

<b>Corrosion resistant at room temperature :</b>	<b>在室温下耐腐蚀:</b>
Hexane, Octane, Formaldehyde 40%, Methanol, Ethanol Glycol, Petroleum (contained a little Aromatic groups)	己烷、斗烷, 甲醛 40%, 甲醇, 乙醇 乙二醇、石油 (含有少许芳香)
<b>Expansion or track at room temperature :</b>	<b>在室温下膨胀:</b>
Butanol, Isopropanol, Carbon tetrachloride	丁醇、异丙醇、四氯化碳
<b>Dissolve at room temperature :</b>	<b>室温下溶解或扩建:</b>
Chloroform, Benzene, Toluene, Xylene, Acetylene Dichloride, Acetone, Acetic Ester	氯仿、苯、甲苯、二甲苯、二氯乙烯, 丙酮、乙酸乙酯

### Physical Properties of Acrylic Sheet 压克力板的物理性质

Specific Gravity 比重	1.19	Heat distortion temperature 热变形温度	100° C
Hardness 硬度	M-100	Coefficient of linear expression 热膨胀系数	$6 \times 10^{-5} \text{ cm/cm}^\circ \text{ C}$
Absorptivity Water (24hrs) 吸水率 (24小时)	0.3%	Ultimate temperature of continuous operation 连续使用最高温度	80° C
Tension : 张力 Coefficient of rupture 破裂系数	(公斤 / 厘米) 700kg/cm <sup>2</sup>	Thermal forming 加热成型温度范围	140 - 180° C
Coefficient of elasticity 伸缩性系数	28,000kg/cm <sup>2</sup>	Insulating Strength 耐电绝缘强度	20 v/mm
Bending : 弯曲 Coefficient of rupture 破裂系数	(公斤 / 厘米) 1.5kg/cm <sup>2</sup>		
Coefficient of elasticity 伸缩性系数	28,000kg/cm <sup>2</sup>		
Transmittance 透光率 (Parallel rays 平行光线)	92%		
(Full rays 充足光线)	93%		

### Physical Properties of Acrylic Sheet 压克力板的厚度允许公差

THICKNESS 厚度	TOLERANCE 公差	THICKNESS 厚度	TOLERANCE 公差
2 ~ 3mm	± 0.3mm	9 ~ 10mm	± 1.0mm
3.5 ~ 4mm	± 0.4mm	12 ~ 13mm	± 1.2mm
4.5 ~ 5mm	± 0.5mm	15 ~ 20mm	± 2.0mm
5.5 ~ 6mm	± 0.6mm	23 ~ 30mm	± 2.5mm
7 ~ 8mm	± 0.8mm	35 ~ 50mm	± 3.0mm

# LT Air Engineering Pte. Ltd.

*Your partner towards a cleaner and more sustainable environment*

*Think environment, Think LT Air*

***Company Registration No. 201707180Z***

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