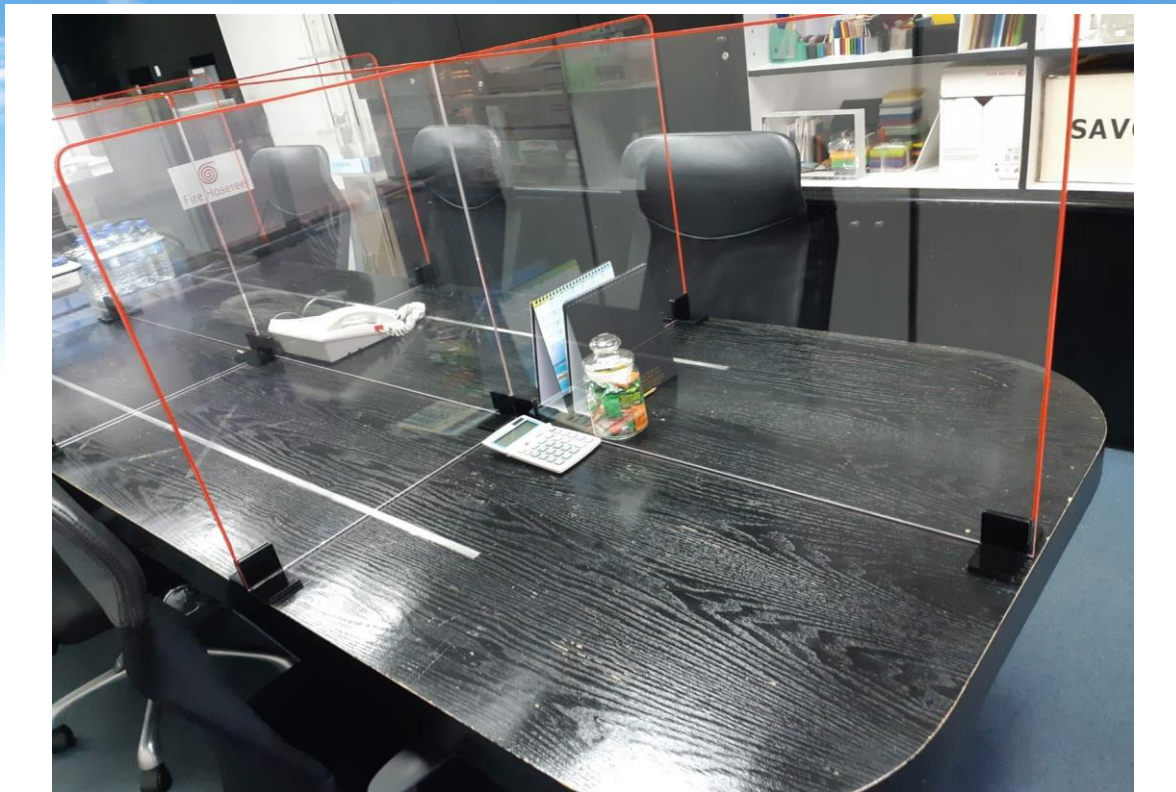


Clear Acrylic Screen Dividers



For Your Peace of Mind

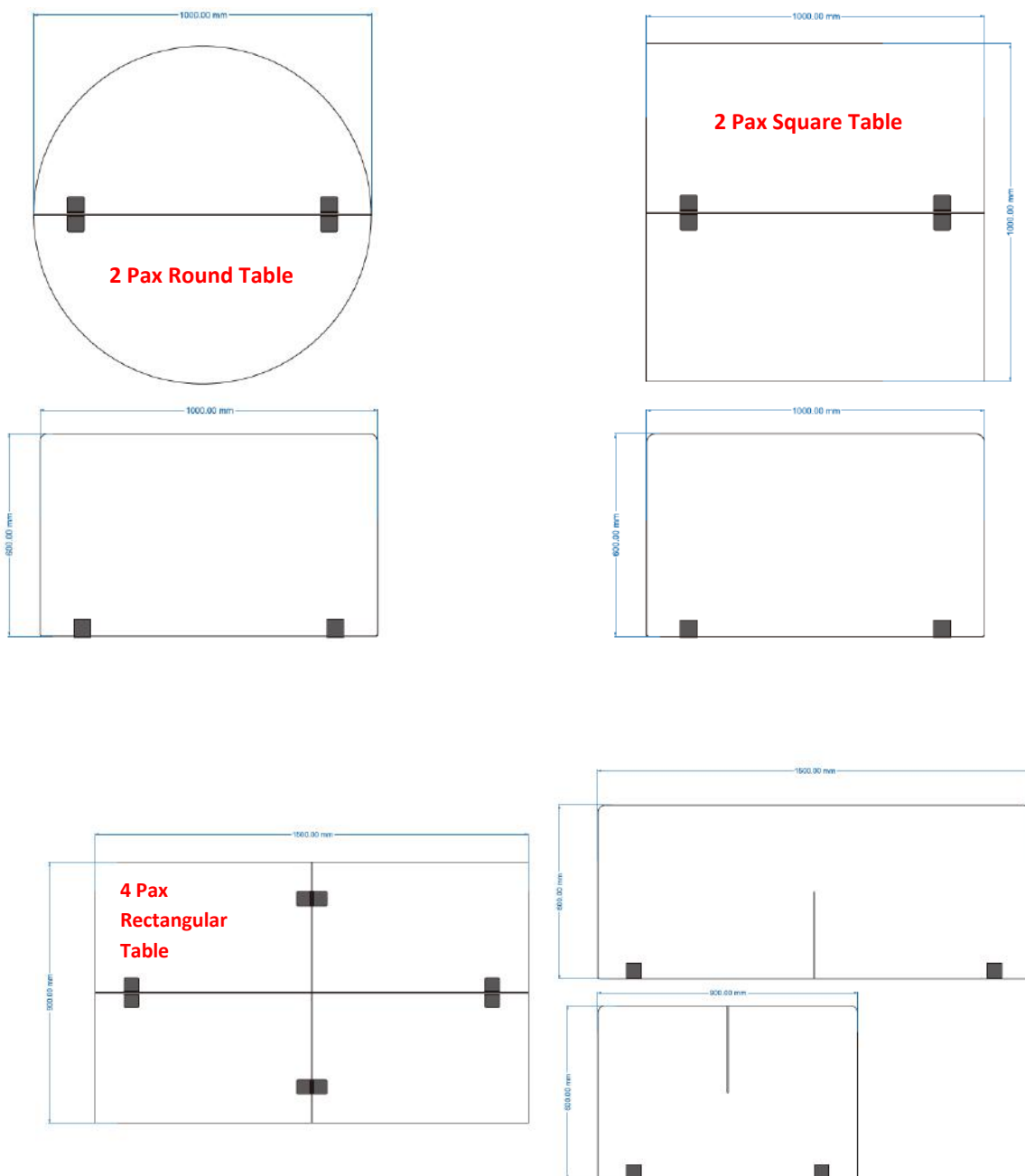
Table Top | Counter Top | Office Partition | Flat Surfaces

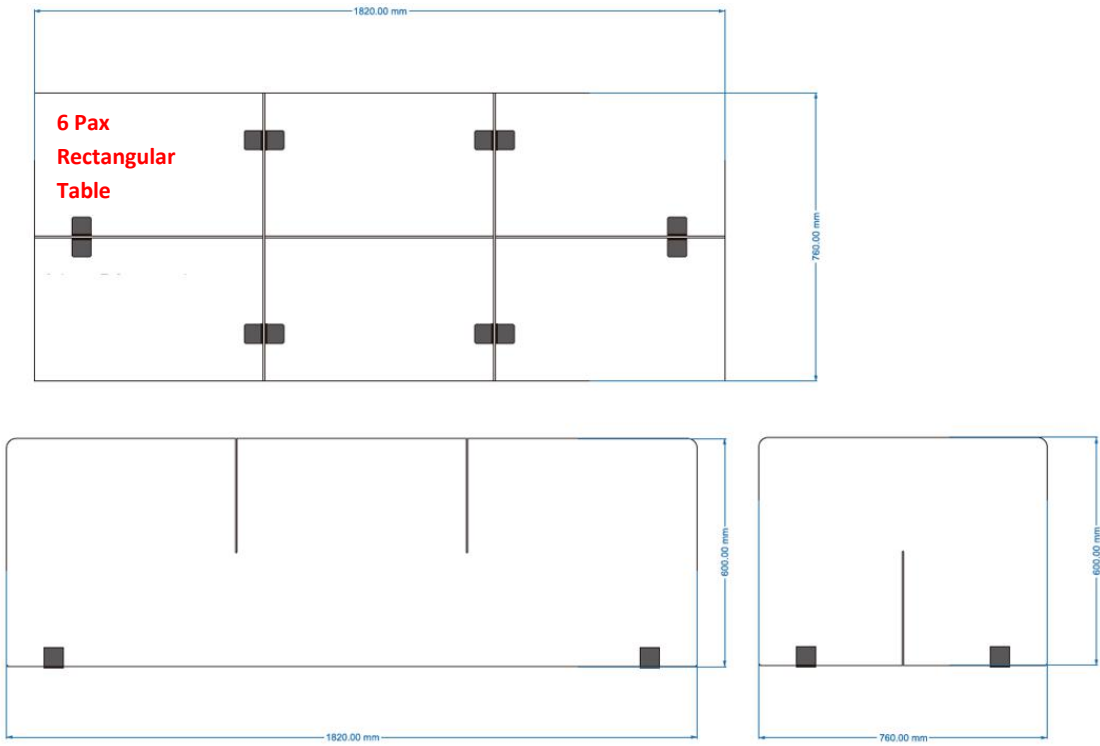
Whether it is for shared table at food court, customer service counter top, pantry table or your office partition, we can offer a customised solution for your acrylic divider needs.

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

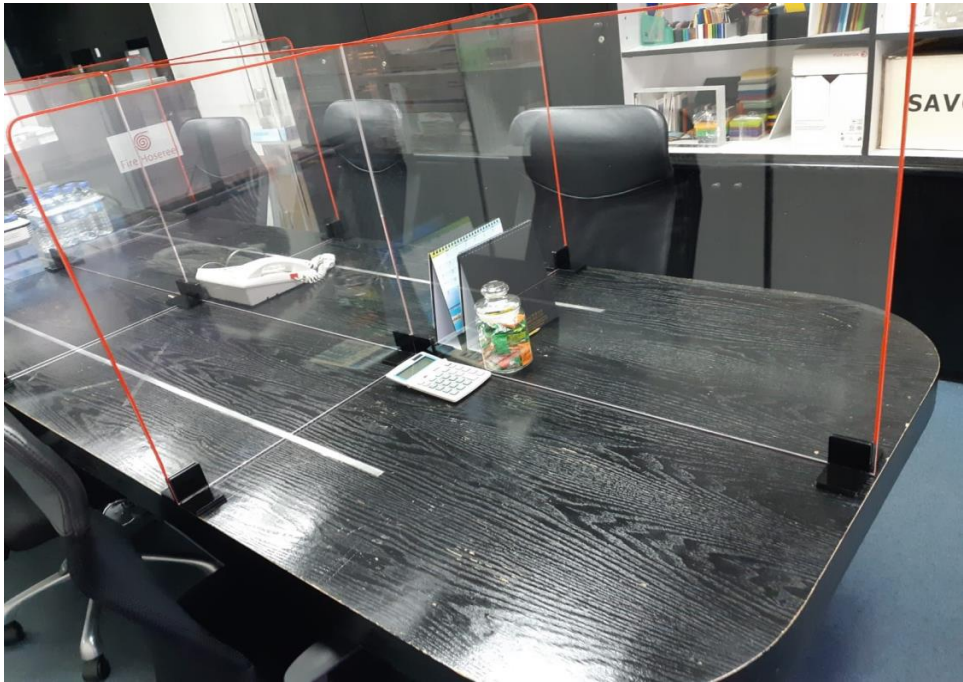
Make this part of your safe management measures today.

Typical Acrylic Divider Design Drawings for Tables

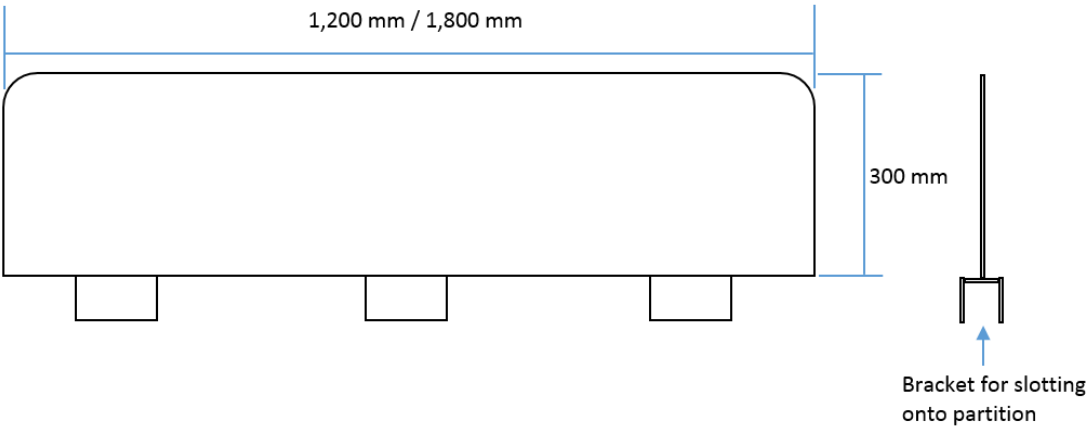




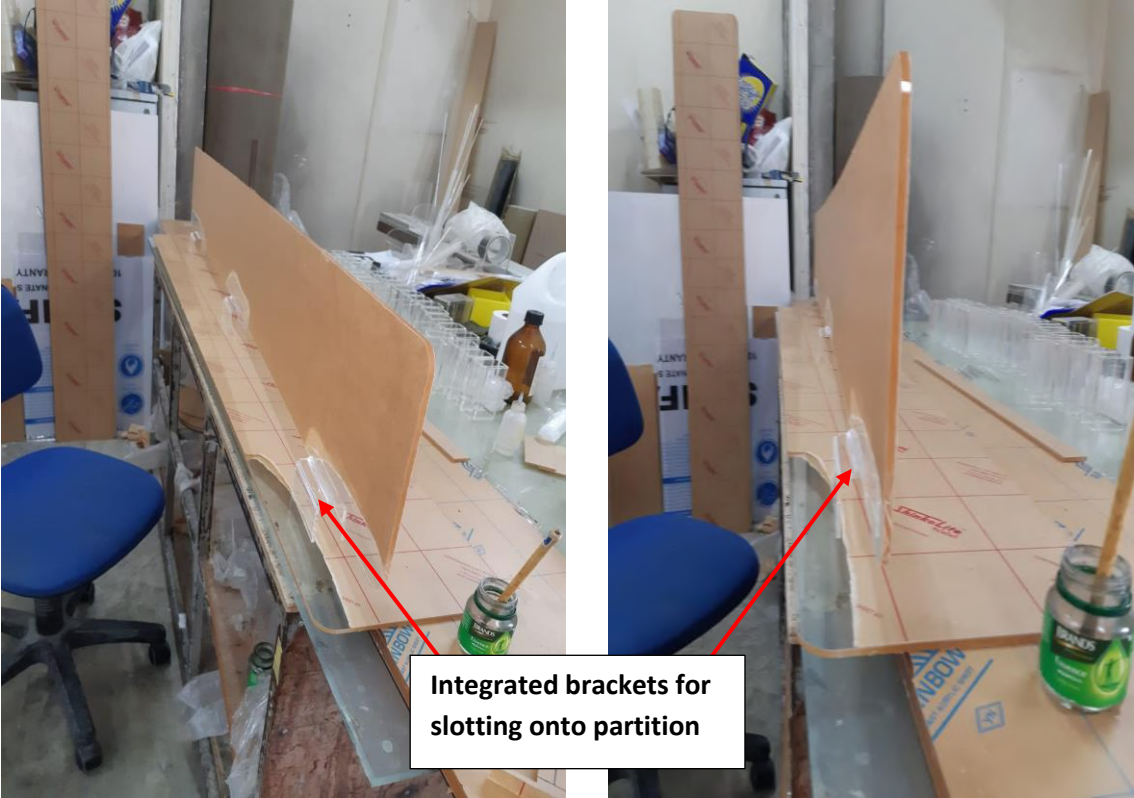
Typical Acrylic Divider for Tables



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

| | |
|--|---------------------------------------|
| Corrosion resistant at room temperature : | 在室温下耐腐蚀: |
| 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) |
| Expansion or track at room temperature : | 在室温下膨胀: |
| Butanol, Isopropanol, Carbon tetrachloride | 丁醇、异丙醇、四氯化碳 |
| Dissolve at room temperature : | 室温下溶解或扩建: |
| 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 expansion 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 ² | Thermal forming 加热成型温度范围 | 140 - 180° C |
| Coefficient of elasticity 伸缩性系数 | 28,000kg/cm ² | 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 ² | | |
| Coefficient of elasticity 伸缩性系数 | 28,000kg/cm ² | | |
| 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

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