

Size guidelines and feasibility tables for Insulating Glass units

Clayton Glass aim to offer a wide range of sealed units and to offer advice accordingly, within the bounds of building control and safety both here in our factory and on site. As a largely domestic unit manufacturer however it isn't practical for us

to operate and maintain the scale of equipment required for certain larger units (be it in maximum dimension, area, weight or a combination thereof) - when these items represent only a fraction of a percent of our sales.

We do recognise though, that for most of our customer base we are the glass supplier, and hence we both have an obligation and are happy to provide advice and to source product externally, promptly, and cost effectively where our in house manufacturing sizes are exceeded.

Our commitment in this respect is as follows:

- We will advise up front what our capabilities are for each product type, ie what can be made in house and sold at the rates
- on your existing tariff, at standard lead times
- Where we cannot make we will advise at the time of order that the product will be outsourced, and within 48 hours
- We will give a due date, being as soon as possible and typical not exceeding 10 working days
- We will provide costings, to include a minimum handling charge only

At this point subject to your confirmation and acceptance we will source the glass and deliver and invoice in the usual way

The following tables offer a guide to sealed unit availability across the range of 4mm, 6mm & 6.8 laminate glasses we hold. Where the size you want is shown as non-feasible, please refer to the next specification up until your size is met, detailing this build-up on your order - should you request a non-feasible product we will advise and with your agreement amend your order to suite. Note for most large units a minimum cavity of 16mm will apply. On the limited occasions where we are not able to offer a unit in any glass type, the process will be as described above. Please note these tables are a guide only, and we remain available to discuss the available options. It is important to note however, particularly for your sales teams and in pricing jobs, that these will most likely not be subject to standard rates and are POA.

Our production planning team remain available to discuss and advise at any time, in the first instance please contact **Joanne Honour** on 01207 288 200.

Feasibility tables - 2 x 4mm Annealed*

| Width up to | | Feasible | | | | | | | | | | | | | | | | | | | | | | | | | | | | Not Feasible | | | | | | | | | | |
|--------------|------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|---|------|------|------|------|------|------|------|------|--------------|------|-------|--|--|--|--|--|------|-----|--|
| | | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2700 | 2800 | 2900 | 3000 | 3000+ | | | | | | | | |
| Height up to | 100 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.1 | 0.11 | 0.12 | 0.13 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.2 | 0.21 | 0.22 | 0.23 | 0.24 | 0.25 | 0.26 | 0.27 | 0.28 | 0.29 | 0.3 | | | | | | | | | |
| | 200 | 0.02 | 0.04 | 0.06 | 0.08 | 0.1 | 0.12 | 0.14 | 0.16 | 0.18 | 0.2 | 0.22 | 0.24 | 0.26 | 0.28 | 0.3 | 0.32 | 0.34 | 0.36 | 0.38 | 0.4 | 0.42 | 0.44 | 0.46 | 0.48 | 0.5 | 0.52 | 0.54 | 0.56 | 0.58 | 0.6 | | | | | | | | | |
| | 300 | 0.03 | 0.06 | 0.09 | 0.12 | 0.15 | 0.18 | 0.21 | 0.24 | 0.27 | 0.3 | 0.33 | 0.36 | 0.39 | 0.42 | 0.45 | 0.48 | 0.51 | 0.54 | 0.57 | 0.6 | 0.63 | 0.66 | 0.69 | 0.72 | 0.75 | 0.78 | 0.81 | 0.84 | 0.87 | 0.9 | | | | | | | | | |
| | 400 | 0.04 | 0.08 | 0.12 | 0.16 | 0.2 | 0.24 | 0.28 | 0.32 | 0.36 | 0.4 | 0.44 | 0.48 | 0.52 | 0.56 | 0.6 | 0.64 | 0.68 | 0.72 | 0.76 | 0.8 | 0.84 | 0.88 | 0.92 | 0.96 | 1 | 1.04 | 1.08 | 1.12 | 1.16 | 1.2 | | | | | | | | | |
| | 500 | 0.05 | 0.1 | 0.15 | 0.2 | 0.25 | 0.3 | 0.35 | 0.4 | 0.45 | 0.5 | 0.55 | 0.6 | 0.65 | 0.7 | 0.75 | 0.8 | 0.85 | 0.9 | 0.95 | 1 | 1.05 | 1.1 | 1.15 | 1.2 | 1.25 | 1.3 | 1.35 | 1.4 | 1.45 | 1.5 | | | | | | | | | |
| | 600 | 0.06 | 0.12 | 0.18 | 0.24 | 0.3 | 0.36 | 0.42 | 0.48 | 0.54 | 0.6 | 0.66 | 0.72 | 0.78 | 0.84 | 0.9 | 0.96 | 1.02 | 1.08 | 1.14 | 1.2 | 1.26 | 1.32 | 1.38 | 1.44 | 1.5 | 1.56 | 1.62 | 1.68 | 1.74 | 1.8 | | | | | | | | | |
| | 700 | 0.07 | 0.14 | 0.21 | 0.28 | 0.35 | 0.42 | 0.49 | 0.56 | 0.63 | 0.7 | 0.77 | 0.84 | 0.91 | 0.98 | 1.05 | 1.12 | 1.19 | 1.26 | 1.33 | 1.4 | 1.47 | 1.54 | 1.61 | 1.68 | 1.75 | 1.82 | 1.89 | 1.96 | 2.03 | 2.1 | | | | | | | | | |
| | 800 | 0.08 | 0.16 | 0.24 | 0.32 | 0.4 | 0.48 | 0.56 | 0.64 | 0.72 | 0.8 | 0.88 | 0.96 | 1.04 | 1.12 | 1.2 | 1.28 | 1.36 | 1.44 | 1.52 | 1.6 | 1.68 | 1.76 | 1.84 | 1.92 | 2 | 2.08 | 2.16 | 2.24 | 2.32 | 2.4 | | | | | | | | | |
| | 900 | 0.09 | 0.18 | 0.27 | 0.36 | 0.45 | 0.54 | 0.63 | 0.72 | 0.81 | 0.9 | 0.99 | 1.08 | 1.17 | 1.26 | 1.35 | 1.44 | 1.53 | 1.62 | 1.71 | 1.8 | 1.89 | 1.98 | 2.07 | 2.16 | 2.25 | 2.34 | 2.43 | 2.52 | 2.61 | 2.7 | | | | | | | | | |
| | 1000 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3 | | | | | | | | | |
| | 1100 | 0.11 | 0.22 | 0.33 | 0.44 | 0.55 | 0.66 | 0.77 | 0.88 | 0.99 | 1.1 | 1.21 | 1.32 | 1.43 | 1.54 | 1.65 | 1.76 | 1.87 | 1.98 | 2.09 | 2.2 | 2.31 | 2.42 | 2.53 | 2.64 | 2.75 | 2.86 | 2.97 | 3.08 | 3.19 | 3.3 | | | | | | | | | |
| | 1200 | 0.12 | 0.24 | 0.36 | 0.48 | 0.6 | 0.72 | 0.84 | 0.96 | 1.08 | 1.2 | 1.32 | 1.44 | 1.56 | 1.68 | 1.8 | 1.92 | 2.04 | 2.16 | 2.28 | 2.4 | 2.52 | 2.64 | 2.76 | 2.88 | 3 | 3.12 | 3.24 | 3.36 | 3.48 | 3.6 | | | | | | | | | |
| | 1300 | 0.13 | 0.26 | 0.39 | 0.52 | 0.65 | 0.78 | 0.91 | 1.04 | 1.17 | 1.3 | 1.43 | 1.56 | 1.69 | 1.82 | 1.95 | 2.08 | 2.21 | 2.34 | 2.47 | 2.6 | 2.73 | 2.86 | 2.99 | 3.12 | 3.25 | 3.38 | 3.51 | 3.64 | 3.77 | 3.9 | | | | | | | | | |
| | 1400 | 0.14 | 0.28 | 0.42 | 0.56 | 0.7 | 0.84 | 0.98 | 1.12 | 1.26 | 1.4 | 1.54 | 1.68 | 1.82 | 1.96 | 2.1 | 2.24 | 2.38 | 2.52 | 2.66 | 2.8 | 2.94 | 3.08 | 3.22 | 3.36 | 3.5 | 3.64 | 3.78 | 3.92 | 4.06 | 4.2 | | | | | | | | | |
| | 1500 | 0.15 | 0.3 | 0.45 | 0.6 | 0.75 | 0.9 | 1.05 | 1.2 | 1.35 | 1.5 | 1.65 | 1.8 | 1.95 | 2.1 | 2.25 | 2.4 | 2.55 | 2.7 | 2.85 | 3 | 3.15 | 3.3 | 3.45 | 3.6 | 3.75 | 3.9 | 4.05 | 4.2 | 4.35 | 4.5 | | | | | | | | | |
| | 1600 | 0.16 | 0.32 | 0.48 | 0.64 | 0.8 | 0.96 | 1.12 | 1.28 | 1.44 | 1.6 | 1.76 | 1.92 | 2.08 | 2.24 | 2.4 | 2.56 | 2.72 | 2.88 | 3.04 | 3.2 | 3.36 | 3.52 | 3.68 | 3.84 | 4 | 4.16 | 4.32 | 4.48 | 4.64 | 4.8 | | | | | | | | | |
| | 1700 | 0.17 | 0.34 | 0.51 | 0.68 | 0.85 | 1.02 | 1.19 | 1.36 | 1.53 | 1.7 | 1.87 | 2.04 | 2.21 | 2.38 | 2.55 | 2.72 | 2.89 | 3.06 | 3.23 | 3.4 | 3.57 | 3.74 | 3.91 | 4.08 | 4.25 | 4.42 | 4.59 | 4.76 | 4.93 | 5.1 | | | | | | | | | |
| | 1800 | 0.18 | 0.36 | 0.54 | 0.72 | 0.9 | 1.08 | 1.26 | 1.44 | 1.62 | 1.8 | 1.98 | 2.16 | 2.34 | 2.52 | 2.7 | 2.88 | 3.06 | 3.24 | 3.42 | 3.6 | 3.78 | 3.96 | 4.14 | 4.32 | 4.5 | 4.68 | 4.86 | 5.04 | 5.22 | 5.4 | | | | | | | | | |
| | 1900 | 0.19 | 0.38 | 0.57 | 0.76 | 0.95 | 1.14 | 1.33 | 1.52 | 1.71 | 1.9 | 2.09 | 2.28 | 2.47 | 2.66 | 2.85 | 3.04 | 3.23 | 3.42 | 3.61 | 3.8 | 3.99 | 4.18 | 4.37 | 4.56 | 4.75 | 4.94 | 5.13 | 5.32 | 5.51 | 5.7 | | | | | | | | | |
| | 2000 | 0.2 | 0.4 | 0.6 | 0.8 | 1 | 1.2 | 1.4 | 1.6 | 1.8 | 2 | 2.2 | 2.4 | 2.6 | 2.8 | 3 | 3.2 | 3.4 | 3.6 | 3.8 | 4 | 4.2 | 4.4 | 4.6 | 4.8 | 5 | 5.2 | 5.4 | 5.6 | 5.8 | 6 | | | | | | | | | |
| | 2100 | 0.21 | 0.42 | 0.63 | 0.84 | 1.05 | 1.26 | 1.47 | 1.68 | 1.89 | 2.1 | 2.31 | 2.52 | 2.73 | 2.94 | 3.15 | 3.36 | 3.57 | 3.78 | 3.99 | 4.2 | 4.41 | 4.62 | 4.83 | 5.04 | 5.25 | 5.46 | 5.67 | 5.88 | 6.09 | 6.3 | | | | | | | | | |
| | 2200 | 0.22 | 0.44 | 0.66 | 0.88 | 1.1 | 1.32 | 1.54 | 1.76 | 1.98 | 2.2 | 2.42 | 2.64 | 2.86 | 3.08 | 3.3 | 3.52 | 3.74 | 3.96 | 4.18 | Maximum area for 2x4mm Annealed is < 2.25m². Max Line Height 1500, Length 2500. Upgrade to 4mm Toughened or 6mm Annealed as appropriate | | | | | | | | | | | | | | | | | 6.38 | 6.6 | |
| | 2300 | 0.23 | 0.46 | 0.69 | 0.92 | 1.15 | 1.38 | 1.61 | 1.84 | 2.07 | 2.3 | 2.53 | 2.76 | 2.99 | 3.22 | 3.45 | 3.68 | 3.91 | 4.14 | 4.37 | | | | | | | | | | | | | | | | | | 6.67 | 6.9 | |
| | 2400 | 0.24 | 0.48 | 0.72 | 0.96 | 1.2 | 1.44 | 1.68 | 1.92 | 2.16 | 2.4 | 2.64 | 2.88 | 3.12 | 3.36 | 3.6 | 3.84 | 4.08 | 4.32 | 4.56 | | | | | | | | | | | | | | | | | | 6.96 | 7.2 | |
| | 2500 | 0.25 | 0.5 | 0.75 | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.25 | 2.5 | 2.75 | 3 | 3.25 | 3.5 | 3.75 | 4 | 4.25 | 4.5 | 4.75 | | | | | | | | | | | | | | | | | | 7.25 | 7.5 | |
| | 2600 | 0.26 | 0.52 | 0.78 | 1.04 | 1.3 | 1.56 | 1.82 | 2.08 | 2.34 | 2.6 | 2.86 | 3.12 | 3.38 | 3.64 | 3.9 | 4.16 | 4.42 | 4.68 | 4.94 | | | | | | | | | | | | | | | | | | 7.54 | 7.8 | |
| | 2700 | 0.27 | 0.54 | 0.81 | 1.08 | 1.35 | 1.62 | 1.89 | 2.16 | 2.43 | 2.7 | 2.97 | 3.24 | 3.51 | 3.78 | 4.05 | 4.32 | 4.59 | 4.86 | 5.13 | | | | | | | | | | | | | | | | | | 7.83 | 8.1 | |
| | 2800 | 0.28 | 0.56 | 0.84 | 1.12 | 1.4 | 1.68 | 1.96 | 2.24 | 2.52 | 2.8 | 3.08 | 3.36 | 3.64 | 3.92 | 4.2 | 4.48 | 4.76 | 5.04 | 5.32 | 8.12 | 8.4 | | | | | | | | | | | | | | | | | | |
| | 2900 | 0.29 | 0.58 | 0.87 | 1.16 | 1.45 | 1.74 | 2.03 | 2.32 | 2.61 | 2.9 | 3.19 | 3.48 | 3.77 | 4.06 | 4.35 | 4.64 | 4.93 | 5.22 | 5.51 | 5.8 | 6.09 | 6.38 | 6.67 | 6.96 | 7.25 | 7.54 | 7.83 | 8.12 | 8.41 | 8.7 | | | | | | | | | |
| | 3000 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3 | 3.3 | 3.6 | 3.9 | 4.2 | 4.5 | 4.8 | 5.1 | 5.4 | 5.7 | 6 | 6.3 | 6.6 | 6.9 | 7.2 | 7.5 | 7.8 | 8.1 | 8.4 | 8.7 | 9 | | | | | | | | | |
| 3000+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

*regardless of size annealed product can only be specified in non-critical glazing locations

Feasibility tables - 2 x 4mm Toughened

| Width up to | | Feasible | | | | | | | | | | | | | | | | | | | | | | | | | | | | Not Feasible | | | | | | | | | | |
|--------------|------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|------|--------------|------|-------|--|--|--|--|--|------|-----|--|
| | | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2700 | 2800 | 2900 | 3000 | 3000+ | | | | | | | | |
| Height up to | 100 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.1 | 0.11 | 0.12 | 0.13 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.2 | 0.21 | 0.22 | 0.23 | 0.24 | 0.25 | 0.26 | 0.27 | 0.28 | 0.29 | 0.3 | | | | | | | | | |
| | 200 | 0.02 | 0.04 | 0.06 | 0.08 | 0.1 | 0.12 | 0.14 | 0.16 | 0.18 | 0.2 | 0.22 | 0.24 | 0.26 | 0.28 | 0.3 | 0.32 | 0.34 | 0.36 | 0.38 | 0.4 | 0.42 | 0.44 | 0.46 | 0.48 | 0.5 | 0.52 | 0.54 | 0.56 | 0.58 | 0.6 | | | | | | | | | |
| | 300 | 0.03 | 0.06 | 0.09 | 0.12 | 0.15 | 0.18 | 0.21 | 0.24 | 0.27 | 0.3 | 0.33 | 0.36 | 0.39 | 0.42 | 0.45 | 0.48 | 0.51 | 0.54 | 0.57 | 0.6 | 0.63 | 0.66 | 0.69 | 0.72 | 0.75 | 0.78 | 0.81 | 0.84 | 0.87 | 0.9 | | | | | | | | | |
| | 400 | 0.04 | 0.08 | 0.12 | 0.16 | 0.2 | 0.24 | 0.28 | 0.32 | 0.36 | 0.4 | 0.44 | 0.48 | 0.52 | 0.56 | 0.6 | 0.64 | 0.68 | 0.72 | 0.76 | 0.8 | 0.84 | 0.88 | 0.92 | 0.96 | 1 | 1.04 | 1.08 | 1.12 | 1.16 | 1.2 | | | | | | | | | |
| | 500 | 0.05 | 0.1 | 0.15 | 0.2 | 0.25 | 0.3 | 0.35 | 0.4 | 0.45 | 0.5 | 0.55 | 0.6 | 0.65 | 0.7 | 0.75 | 0.8 | 0.85 | 0.9 | 0.95 | 1 | 1.05 | 1.1 | 1.15 | 1.2 | 1.25 | 1.3 | 1.35 | 1.4 | 1.45 | 1.5 | | | | | | | | | |
| | 600 | 0.06 | 0.12 | 0.18 | 0.24 | 0.3 | 0.36 | 0.42 | 0.48 | 0.54 | 0.6 | 0.66 | 0.72 | 0.78 | 0.84 | 0.9 | 0.96 | 1.02 | 1.08 | 1.14 | 1.2 | 1.26 | 1.32 | 1.38 | 1.44 | 1.5 | 1.56 | 1.62 | 1.68 | 1.74 | 1.8 | | | | | | | | | |
| | 700 | 0.07 | 0.14 | 0.21 | 0.28 | 0.35 | 0.42 | 0.49 | 0.56 | 0.63 | 0.7 | 0.77 | 0.84 | 0.91 | 0.98 | 1.05 | 1.12 | 1.19 | 1.26 | 1.33 | 1.4 | 1.47 | 1.54 | 1.61 | 1.68 | 1.75 | 1.82 | 1.89 | 1.96 | 2.03 | 2.1 | | | | | | | | | |
| | 800 | 0.08 | 0.16 | 0.24 | 0.32 | 0.4 | 0.48 | 0.56 | 0.64 | 0.72 | 0.8 | 0.88 | 0.96 | 1.04 | 1.12 | 1.2 | 1.28 | 1.36 | 1.44 | 1.52 | 1.6 | 1.68 | 1.76 | 1.84 | 1.92 | 2 | 2.08 | 2.16 | 2.24 | 2.32 | 2.4 | | | | | | | | | |
| | 900 | 0.09 | 0.18 | 0.27 | 0.36 | 0.45 | 0.54 | 0.63 | 0.72 | 0.81 | 0.9 | 0.99 | 1.08 | 1.17 | 1.26 | 1.35 | 1.44 | 1.53 | 1.62 | 1.71 | 1.8 | 1.89 | 1.98 | 2.07 | 2.16 | 2.25 | 2.34 | 2.43 | 2.52 | 2.61 | 2.7 | | | | | | | | | |
| | 1000 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3 | | | | | | | | | |
| | 1100 | 0.11 | 0.22 | 0.33 | 0.44 | 0.55 | 0.66 | 0.77 | 0.88 | 0.99 | 1.1 | 1.21 | 1.32 | 1.43 | 1.54 | 1.65 | 1.76 | 1.87 | 1.98 | 2.09 | 2.2 | 2.31 | 2.42 | 2.53 | 2.64 | 2.75 | 2.86 | 2.97 | 3.08 | 3.19 | 3.3 | | | | | | | | | |
| | 1200 | 0.12 | 0.24 | 0.36 | 0.48 | 0.6 | 0.72 | 0.84 | 0.96 | 1.08 | 1.2 | 1.32 | 1.44 | 1.56 | 1.68 | 1.8 | 1.92 | 2.04 | 2.16 | 2.28 | 2.4 | 2.52 | 2.64 | 2.76 | 2.88 | 3 | 3.12 | 3.24 | 3.36 | 3.48 | 3.6 | | | | | | | | | |
| | 1300 | 0.13 | 0.26 | 0.39 | 0.52 | 0.65 | 0.78 | 0.91 | 1.04 | 1.17 | 1.3 | 1.43 | 1.56 | 1.69 | 1.82 | 1.95 | 2.08 | 2.21 | 2.34 | 2.47 | 2.6 | 2.73 | 2.86 | 2.99 | 3.12 | 3.25 | 3.38 | 3.51 | 3.64 | 3.77 | 3.9 | | | | | | | | | |
| | 1400 | 0.14 | 0.28 | 0.42 | 0.56 | 0.7 | 0.84 | 0.98 | 1.12 | 1.26 | 1.4 | 1.54 | 1.68 | 1.82 | 1.96 | 2.1 | 2.24 | 2.38 | 2.52 | 2.66 | 2.8 | 2.94 | 3.08 | 3.22 | 3.36 | 3.5 | 3.64 | 3.78 | 3.92 | 4.06 | 4.2 | | | | | | | | | |
| | 1500 | 0.15 | 0.3 | 0.45 | 0.6 | 0.75 | 0.9 | 1.05 | 1.2 | 1.35 | 1.5 | 1.65 | 1.8 | 1.95 | 2.1 | 2.25 | 2.4 | 2.55 | 2.7 | 2.85 | 3 | 3.15 | 3.3 | 3.45 | 3.6 | 3.75 | 3.9 | 4.05 | 4.2 | 4.35 | 4.5 | | | | | | | | | |
| | 1600 | 0.16 | 0.32 | 0.48 | 0.64 | 0.8 | 0.96 | 1.12 | 1.28 | 1.44 | 1.6 | 1.76 | 1.92 | 2.08 | 2.24 | 2.4 | 2.56 | 2.72 | 2.88 | 3.04 | 3.2 | 3.36 | 3.52 | 3.68 | 3.84 | 4 | 4.16 | 4.32 | 4.48 | 4.64 | 4.8 | | | | | | | | | |
| | 1700 | 0.17 | 0.34 | 0.51 | 0.68 | 0.85 | 1.02 | 1.19 | 1.36 | 1.53 | 1.7 | 1.87 | 2.04 | 2.21 | 2.38 | 2.55 | 2.72 | 2.89 | 3.06 | 3.23 | 3.4 | 3.57 | 3.74 | 3.91 | 4.08 | 4.25 | 4.42 | 4.59 | 4.76 | 4.93 | 5.1 | | | | | | | | | |
| | 1800 | 0.18 | 0.36 | 0.54 | 0.72 | 0.9 | 1.08 | 1.26 | 1.44 | 1.62 | 1.8 | 1.98 | 2.16 | 2.34 | 2.52 | 2.7 | 2.88 | 3.06 | 3.24 | 3.42 | 3.6 | 3.78 | 3.96 | 4.14 | 4.32 | 4.5 | 4.68 | 4.86 | 5.04 | 5.22 | 5.4 | | | | | | | | | |
| | 1900 | 0.19 | 0.38 | 0.57 | 0.76 | 0.95 | 1.14 | 1.33 | 1.52 | 1.71 | 1.9 | 2.09 | 2.28 | 2.47 | 2.66 | 2.85 | 3.04 | 3.23 | 3.42 | 3.61 | 3.8 | 3.99 | 4.18 | 4.37 | 4.56 | 4.75 | 4.94 | 5.13 | 5.32 | 5.51 | 5.7 | | | | | | | | | |
| | 2000 | 0.2 | 0.4 | 0.6 | 0.8 | 1 | 1.2 | 1.4 | 1.6 | 1.8 | 2 | 2.2 | 2.4 | 2.6 | 2.8 | 3 | 3.2 | 3.4 | 3.6 | 3.8 | 4 | 4.2 | 4.4 | 4.6 | 4.8 | 5 | 5.2 | 5.4 | 5.6 | 5.8 | 6 | | | | | | | | | |
| | 2100 | 0.21 | 0.42 | 0.63 | 0.84 | 1.05 | 1.26 | 1.47 | 1.68 | 1.89 | 2.1 | 2.31 | 2.52 | 2.73 | 2.94 | 3.15 | 3.36 | 3.57 | 3.78 | 3.99 | 4.2 | 4.41 | 4.62 | 4.83 | 5.04 | 5.25 | 5.46 | 5.67 | 5.88 | 6.09 | 6.3 | | | | | | | | | |
| | 2200 | 0.22 | 0.44 | 0.66 | 0.88 | 1.1 | 1.32 | 1.54 | 1.76 | 1.98 | 2.2 | 2.42 | 2.64 | 2.86 | 3.08 | 3.3 | 3.52 | 3.74 | 3.96 | 4.18 | Maximum area for 2x4mm Toughened is <2.50m ² . Max Line Height 1500, Length 2500. Upgrade to 6mm Annealed or 6mm Toughened as appropriate | | | | | | | | | | | | | | | | | 6.38 | 6.6 | |
| | 2300 | 0.23 | 0.46 | 0.69 | 0.92 | 1.15 | 1.38 | 1.61 | 1.84 | 2.07 | 2.3 | 2.53 | 2.76 | 2.99 | 3.22 | 3.45 | 3.68 | 3.91 | 4.14 | 4.37 | | | | | | | | | | | | | | | | | | 6.67 | 6.9 | |
| | 2400 | 0.24 | 0.48 | 0.72 | 0.96 | 1.2 | 1.44 | 1.68 | 1.92 | 2.16 | 2.4 | 2.64 | 2.88 | 3.12 | 3.36 | 3.6 | 3.84 | 4.08 | 4.32 | 4.56 | | | | | | | | | | | | | | | | | | 6.96 | 7.2 | |
| | 2500 | 0.25 | 0.5 | 0.75 | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.25 | 2.5 | 2.75 | 3 | 3.25 | 3.5 | 3.75 | 4 | 4.25 | 4.5 | 4.75 | | | | | | | | | | | | | | | | | | 7.25 | 7.5 | |
| | 2600 | 0.26 | 0.52 | 0.78 | 1.04 | 1.3 | 1.56 | 1.82 | 2.08 | 2.34 | 2.6 | 2.86 | 3.12 | 3.38 | 3.64 | 3.9 | 4.16 | 4.42 | 4.68 | 4.94 | | | | | | | | | | | | | | | | | | 7.54 | 7.8 | |
| | 2700 | 0.27 | 0.54 | 0.81 | 1.08 | 1.35 | 1.62 | 1.89 | 2.16 | 2.43 | 2.7 | 2.97 | 3.24 | 3.51 | 3.78 | 4.05 | 4.32 | 4.59 | 4.86 | 5.13 | | | | | | | | | | | | | | | | | | 7.83 | 8.1 | |
| | 2800 | 0.28 | 0.56 | 0.84 | 1.12 | 1.4 | 1.68 | 1.96 | 2.24 | 2.52 | 2.8 | 3.08 | 3.36 | 3.64 | 3.92 | 4.2 | 4.48 | 4.76 | 5.04 | 5.32 | | | | | | | | | | | | | | | | | | 8.12 | 8.4 | |
| | 2900 | 0.29 | 0.58 | 0.87 | 1.16 | 1.45 | 1.74 | 2.03 | 2.32 | 2.61 | 2.9 | 3.19 | 3.48 | 3.77 | 4.06 | 4.35 | 4.64 | 4.93 | 5.22 | 5.51 | 5.8 | 6.09 | 6.38 | 6.67 | 6.96 | 7.25 | 7.54 | 7.83 | 8.12 | 8.41 | 8.7 | | | | | | | | | |
| | 3000 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3 | 3.3 | 3.6 | 3.9 | 4.2 | 4.5 | 4.8 | 5.1 | 5.4 | 5.7 | 6 | 6.3 | 6.6 | 6.9 | 7.2 | 7.5 | 7.8 | 8.1 | 8.4 | 8.7 | 9 | | | | | | | | | |
| 3000+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

Feasibility tables - 2 x 6mm Annealed* & 6.8mm laminated

| Width up to | | Feasible | | | | | | | | | | | | | | | | | | | | | | | | | | | Not Feasible | | | | | | | | | | | |
|--------------|------|----------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|--|------|------|------|------|------|------|------|--------------|------|------|-------|--|--|--|--|--|------|-----|--|
| | | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2700 | 2800 | 2900 | 3000 | 3000+ | | | | | | | | |
| Height up to | 100 | 0.01 | 0.02 | 0.03 | 0.04 | 0.05 | 0.06 | 0.07 | 0.08 | 0.09 | 0.1 | 0.11 | 0.12 | 0.13 | 0.14 | 0.15 | 0.16 | 0.17 | 0.18 | 0.19 | 0.2 | 0.21 | 0.22 | 0.23 | 0.24 | 0.25 | 0.26 | 0.27 | 0.28 | 0.29 | 0.3 | | | | | | | | | |
| | 200 | 0.02 | 0.04 | 0.06 | 0.08 | 0.1 | 0.12 | 0.14 | 0.16 | 0.18 | 0.2 | 0.22 | 0.24 | 0.26 | 0.28 | 0.3 | 0.32 | 0.34 | 0.36 | 0.38 | 0.4 | 0.42 | 0.44 | 0.46 | 0.48 | 0.5 | 0.52 | 0.54 | 0.56 | 0.58 | 0.6 | | | | | | | | | |
| | 300 | 0.03 | 0.06 | 0.09 | 0.12 | 0.15 | 0.18 | 0.21 | 0.24 | 0.27 | 0.3 | 0.33 | 0.36 | 0.39 | 0.42 | 0.45 | 0.48 | 0.51 | 0.54 | 0.57 | 0.6 | 0.63 | 0.66 | 0.69 | 0.72 | 0.75 | 0.78 | 0.81 | 0.84 | 0.87 | 0.9 | | | | | | | | | |
| | 400 | 0.04 | 0.08 | 0.12 | 0.16 | 0.2 | 0.24 | 0.28 | 0.32 | 0.36 | 0.4 | 0.44 | 0.48 | 0.52 | 0.56 | 0.6 | 0.64 | 0.68 | 0.72 | 0.76 | 0.8 | 0.84 | 0.88 | 0.92 | 0.96 | 1 | 1.04 | 1.08 | 1.12 | 1.16 | 1.2 | | | | | | | | | |
| | 500 | 0.05 | 0.1 | 0.15 | 0.2 | 0.25 | 0.3 | 0.35 | 0.4 | 0.45 | 0.5 | 0.55 | 0.6 | 0.65 | 0.7 | 0.75 | 0.8 | 0.85 | 0.9 | 0.95 | 1 | 1.05 | 1.1 | 1.15 | 1.2 | 1.25 | 1.3 | 1.35 | 1.4 | 1.45 | 1.5 | | | | | | | | | |
| | 600 | 0.06 | 0.12 | 0.18 | 0.24 | 0.3 | 0.36 | 0.42 | 0.48 | 0.54 | 0.6 | 0.66 | 0.72 | 0.78 | 0.84 | 0.9 | 0.96 | 1.02 | 1.08 | 1.14 | 1.2 | 1.26 | 1.32 | 1.38 | 1.44 | 1.5 | 1.56 | 1.62 | 1.68 | 1.74 | 1.8 | | | | | | | | | |
| | 700 | 0.07 | 0.14 | 0.21 | 0.28 | 0.35 | 0.42 | 0.49 | 0.56 | 0.63 | 0.7 | 0.77 | 0.84 | 0.91 | 0.98 | 1.05 | 1.12 | 1.19 | 1.26 | 1.33 | 1.4 | 1.47 | 1.54 | 1.61 | 1.68 | 1.75 | 1.82 | 1.89 | 1.96 | 2.03 | 2.1 | | | | | | | | | |
| | 800 | 0.08 | 0.16 | 0.24 | 0.32 | 0.4 | 0.48 | 0.56 | 0.64 | 0.72 | 0.8 | 0.88 | 0.96 | 1.04 | 1.12 | 1.2 | 1.28 | 1.36 | 1.44 | 1.52 | 1.6 | 1.68 | 1.76 | 1.84 | 1.92 | 2 | 2.08 | 2.16 | 2.24 | 2.32 | 2.4 | | | | | | | | | |
| | 900 | 0.09 | 0.18 | 0.27 | 0.36 | 0.45 | 0.54 | 0.63 | 0.72 | 0.81 | 0.9 | 0.99 | 1.08 | 1.17 | 1.26 | 1.35 | 1.44 | 1.53 | 1.62 | 1.71 | 1.8 | 1.89 | 1.98 | 2.07 | 2.16 | 2.25 | 2.34 | 2.43 | 2.52 | 2.61 | 2.7 | | | | | | | | | |
| | 1000 | 0.1 | 0.2 | 0.3 | 0.4 | 0.5 | 0.6 | 0.7 | 0.8 | 0.9 | 1 | 1.1 | 1.2 | 1.3 | 1.4 | 1.5 | 1.6 | 1.7 | 1.8 | 1.9 | 2 | 2.1 | 2.2 | 2.3 | 2.4 | 2.5 | 2.6 | 2.7 | 2.8 | 2.9 | 3 | | | | | | | | | |
| | 1100 | 0.11 | 0.22 | 0.33 | 0.44 | 0.55 | 0.66 | 0.77 | 0.88 | 0.99 | 1.1 | 1.21 | 1.32 | 1.43 | 1.54 | 1.65 | 1.76 | 1.87 | 1.98 | 2.09 | 2.2 | 2.31 | 2.42 | 2.53 | 2.64 | 2.75 | 2.86 | 2.97 | 3.08 | 3.19 | 3.3 | | | | | | | | | |
| | 1200 | 0.12 | 0.24 | 0.36 | 0.48 | 0.6 | 0.72 | 0.84 | 0.96 | 1.08 | 1.2 | 1.32 | 1.44 | 1.56 | 1.68 | 1.8 | 1.92 | 2.04 | 2.16 | 2.28 | 2.4 | 2.52 | 2.64 | 2.76 | 2.88 | 3 | 3.12 | 3.24 | 3.36 | 3.48 | 3.6 | | | | | | | | | |
| | 1300 | 0.13 | 0.26 | 0.39 | 0.52 | 0.65 | 0.78 | 0.91 | 1.04 | 1.17 | 1.3 | 1.43 | 1.56 | 1.69 | 1.82 | 1.95 | 2.08 | 2.21 | 2.34 | 2.47 | 2.6 | 2.73 | 2.86 | 2.99 | 3.12 | 3.25 | 3.38 | 3.51 | 3.64 | 3.77 | 3.9 | | | | | | | | | |
| | 1400 | 0.14 | 0.28 | 0.42 | 0.56 | 0.7 | 0.84 | 0.98 | 1.12 | 1.26 | 1.4 | 1.54 | 1.68 | 1.82 | 1.96 | 2.1 | 2.24 | 2.38 | 2.52 | 2.66 | 2.8 | 2.94 | 3.08 | 3.22 | 3.36 | 3.5 | 3.64 | 3.78 | 3.92 | 4.06 | 4.2 | | | | | | | | | |
| | 1500 | 0.15 | 0.3 | 0.45 | 0.6 | 0.75 | 0.9 | 1.05 | 1.2 | 1.35 | 1.5 | 1.65 | 1.8 | 1.95 | 2.1 | 2.25 | 2.4 | 2.55 | 2.7 | 2.85 | 3 | 3.15 | 3.3 | 3.45 | 3.6 | 3.75 | 3.9 | 4.05 | 4.2 | 4.35 | 4.5 | | | | | | | | | |
| | 1600 | 0.16 | 0.32 | 0.48 | 0.64 | 0.8 | 0.96 | 1.12 | 1.28 | 1.44 | 1.6 | 1.76 | 1.92 | 2.08 | 2.24 | 2.4 | 2.56 | 2.72 | 2.88 | 3.04 | 3.2 | 3.36 | 3.52 | 3.68 | 3.84 | 4 | 4.16 | 4.32 | 4.48 | 4.64 | 4.8 | | | | | | | | | |
| | 1700 | 0.17 | 0.34 | 0.51 | 0.68 | 0.85 | 1.02 | 1.19 | 1.36 | 1.53 | 1.7 | 1.87 | 2.04 | 2.21 | 2.38 | 2.55 | 2.72 | 2.89 | 3.06 | 3.23 | 3.4 | 3.57 | 3.74 | 3.91 | 4.08 | 4.25 | 4.42 | 4.59 | 4.76 | 4.93 | 5.1 | | | | | | | | | |
| | 1800 | 0.18 | 0.36 | 0.54 | 0.72 | 0.9 | 1.08 | 1.26 | 1.44 | 1.62 | 1.8 | 1.98 | 2.16 | 2.34 | 2.52 | 2.7 | 2.88 | 3.06 | 3.24 | 3.42 | 3.6 | 3.78 | 3.96 | 4.14 | 4.32 | 4.5 | 4.68 | 4.86 | 5.04 | 5.22 | 5.4 | | | | | | | | | |
| | 1900 | 0.19 | 0.38 | 0.57 | 0.76 | 0.95 | 1.14 | 1.33 | 1.52 | 1.71 | 1.9 | 2.09 | 2.28 | 2.47 | 2.66 | 2.85 | 3.04 | 3.23 | 3.42 | 3.61 | 3.8 | 3.99 | 4.18 | 4.37 | 4.56 | 4.75 | 4.94 | 5.13 | 5.32 | 5.51 | 5.7 | | | | | | | | | |
| | 2000 | 0.2 | 0.4 | 0.6 | 0.8 | 1 | 1.2 | 1.4 | 1.6 | 1.8 | 2 | 2.2 | 2.4 | 2.6 | 2.8 | 3 | 3.2 | 3.4 | 3.6 | 3.8 | 4 | 4.2 | 4.4 | 4.6 | 4.8 | 5 | 5.2 | 5.4 | 5.6 | 5.8 | 6 | | | | | | | | | |
| | 2100 | 0.21 | 0.42 | 0.63 | 0.84 | 1.05 | 1.26 | 1.47 | 1.68 | 1.89 | 2.1 | 2.31 | 2.52 | 2.73 | 2.94 | 3.15 | 3.36 | 3.57 | 3.78 | 3.99 | 4.2 | 4.41 | 4.62 | 4.83 | 5.04 | 5.25 | 5.46 | 5.67 | 5.88 | 6.09 | 6.3 | | | | | | | | | |
| | 2200 | 0.22 | 0.44 | 0.66 | 0.88 | 1.1 | 1.32 | 1.54 | 1.76 | 1.98 | 2.2 | 2.42 | 2.64 | 2.86 | 3.08 | 3.3 | 3.52 | 3.74 | 3.96 | 4.18 | Maximum area for 2x6mm Annealed is <2.75m ² . Max Line Height 1500, Length 2500. Upgrade to 6mm Toughened | | | | | | | | | | | | | | | | | 6.38 | 6.6 | |
| | 2300 | 0.23 | 0.46 | 0.69 | 0.92 | 1.15 | 1.38 | 1.61 | 1.84 | 2.07 | 2.3 | 2.53 | 2.76 | 2.99 | 3.22 | 3.45 | 3.68 | 3.91 | 4.14 | 4.37 | | | | | | | | | | | | | | | | | | 6.67 | 6.9 | |
| | 2400 | 0.24 | 0.48 | 0.72 | 0.96 | 1.2 | 1.44 | 1.68 | 1.92 | 2.16 | 2.4 | 2.64 | 2.88 | 3.12 | 3.36 | 3.6 | 3.84 | 4.08 | 4.32 | 4.56 | | | | | | | | | | | | | | | | | | 6.96 | 7.2 | |
| | 2500 | 0.25 | 0.5 | 0.75 | 1 | 1.25 | 1.5 | 1.75 | 2 | 2.25 | 2.5 | 2.75 | 3 | 3.25 | 3.5 | 3.75 | 4 | 4.25 | 4.5 | 4.75 | | | | | | | | | | | | | | | | | | 7.25 | 7.5 | |
| | 2600 | 0.26 | 0.52 | 0.78 | 1.04 | 1.3 | 1.56 | 1.82 | 2.08 | 2.34 | 2.6 | 2.86 | 3.12 | 3.38 | 3.64 | 3.9 | 4.16 | 4.42 | 4.68 | 4.94 | | | | | | | | | | | | | | | | | | 7.54 | 7.8 | |
| | 2700 | 0.27 | 0.54 | 0.81 | 1.08 | 1.35 | 1.62 | 1.89 | 2.16 | 2.43 | 2.7 | 2.97 | 3.24 | 3.51 | 3.78 | 4.05 | 4.32 | 4.59 | 4.86 | 5.13 | | | | | | | | | | | | | | | | | | 7.83 | 8.1 | |
| | 2800 | 0.28 | 0.56 | 0.84 | 1.12 | 1.4 | 1.68 | 1.96 | 2.24 | 2.52 | 2.8 | 3.08 | 3.36 | 3.64 | 3.92 | 4.2 | 4.48 | 4.76 | 5.04 | 5.32 | 8.12 | 8.4 | | | | | | | | | | | | | | | | | | |
| | 2900 | 0.29 | 0.58 | 0.87 | 1.16 | 1.45 | 1.74 | 2.03 | 2.32 | 2.61 | 2.9 | 3.19 | 3.48 | 3.77 | 4.06 | 4.35 | 4.64 | 4.93 | 5.22 | 5.51 | 5.8 | 6.09 | 6.38 | 6.67 | 6.96 | 7.25 | 7.54 | 7.83 | 8.12 | 8.41 | 8.7 | | | | | | | | | |
| | 3000 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3 | 3.3 | 3.6 | 3.9 | 4.2 | 4.5 | 4.8 | 5.1 | 5.4 | 5.7 | 6 | 6.3 | 6.6 | 6.9 | 7.2 | 7.5 | 7.8 | 8.1 | 8.4 | 8.7 | 9 | | | | | | | | | |
| 3000+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

*regardless of size annealed product can only be specified in non-critical glazing locations

Feasibility and Pricing - 2 x 6mm Toughened

Significant investment means much larger units - up to 50% bigger now can be made in house

Lead times significantly improved for all but the largest sizes

2 new pricing brackets for Oversize - OS 1 and OS 2

POA for items over 133kg and over 2M Both sides

Width up to

| Height up to | Width up to | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|-------------|------|------|------|------|------|------|------|------|------|------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|-------|-------|-------|-------|-------|-------|-------|-------|------|-------|--|
| | 100 | 200 | 300 | 400 | 500 | 600 | 700 | 800 | 900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1500 | 1600 | 1700 | 1800 | 1900 | 2000 | 2100 | 2200 | 2300 | 2400 | 2500 | 2600 | 2700 | 2800 | 2900 | 3000 | 3000+ | |
| 100 | 0.3 | 0.6 | 0.9 | 1.2 | 1.5 | 1.8 | 2.1 | 2.4 | 2.7 | 3 | 3.3 | 3.6 | 3.9 | 4.2 | 4.5 | 4.8 | 5.1 | 5.4 | 5.7 | 6 | 6.3 | 6.6 | 6.9 | 7.2 | 7.5 | 7.8 | 8.1 | 8.4 | 8.7 | 9 | | |
| 200 | 0.6 | 1.2 | 1.8 | 2.4 | 3 | 3.6 | 4.2 | 4.8 | 5.4 | 6 | 6.6 | 7.2 | 7.8 | 8.4 | 9 | 9.6 | 10.2 | 10.8 | 11.4 | 12 | 12.6 | 13.2 | 13.8 | 14.4 | 15 | 15.6 | 16.2 | 16.8 | 17.4 | 18 | | |
| 300 | 0.9 | 1.8 | 2.7 | 3.6 | 4.5 | 5.4 | 6.3 | 7.2 | 8.1 | 9 | 9.9 | 10.8 | 11.7 | 12.6 | 13.5 | 14.4 | 15.3 | 16.2 | 17.1 | 18 | 18.9 | 19.8 | 20.7 | 21.6 | 22.5 | 23.4 | 24.3 | 25.2 | 26.1 | 27 | | |
| 400 | 1.2 | 2.4 | 3.6 | 4.8 | 6 | 7.2 | 8.4 | 9.6 | 10.8 | 12 | 13.2 | 14.4 | 15.6 | 16.8 | 18 | 19.2 | 20.4 | 21.6 | 22.8 | 24 | 25.2 | 26.4 | 27.6 | 28.8 | 30 | 31.2 | 32.4 | 33.6 | 34.8 | 36 | | |
| 500 | 1.5 | 3 | 4.5 | 6 | 7.5 | 9 | 10.5 | 12 | 13.5 | 15 | 16.5 | 18 | 19.5 | 21 | 22.5 | 24 | 25.5 | 27 | 28.5 | 30 | 31.5 | 33 | 34.5 | 36 | 37.5 | 39 | 40.5 | 42 | 43.5 | 45 | | |
| 600 | 1.8 | 3.6 | 5.4 | 7.2 | 9 | 10.8 | 12.6 | 14.4 | 16.2 | 18 | 19.8 | 21.6 | 23.4 | 25.2 | 27 | 28.8 | 30.6 | 32.4 | 34.2 | 36 | 37.8 | 39.6 | 41.4 | 43.2 | 45 | 46.8 | 48.6 | 50.4 | 52.2 | 54 | | |
| 700 | 2.1 | 4.2 | 6.3 | 8.4 | 10.5 | 12.6 | 14.7 | 16.8 | 18.9 | 21 | 23.1 | 25.2 | 27.3 | 29.4 | 31.5 | 33.6 | 35.7 | 37.8 | 39.9 | 42 | 44.1 | 46.2 | 48.3 | 50.4 | 52.5 | 54.6 | 56.7 | 58.8 | 60.9 | 63 | | |
| 800 | 2.4 | 4.8 | 7.2 | 9.6 | 12 | 14.4 | 16.8 | 19.2 | 21.6 | 24 | 26.4 | 28.8 | 31.2 | 33.6 | 36 | 38.4 | 40.8 | 43.2 | 45.6 | 48 | 50.4 | 52.8 | 55.2 | 57.6 | 60 | 62.4 | 64.8 | 67.2 | 69.6 | 72 | | |
| 900 | 2.7 | 5.4 | 8.1 | 10.8 | 13.5 | 16.2 | 18.9 | 21.6 | 24.3 | 27 | 29.7 | 32.4 | 35.1 | 37.8 | 40.5 | 43.2 | 45.9 | 48.6 | 51.3 | 54 | 56.7 | 59.4 | 62.1 | 64.8 | 67.5 | 70.2 | 72.9 | 75.6 | 78.3 | 81 | | |
| 1000 | 3 | 6 | 9 | 12 | 15 | 18 | 21 | 24 | 27 | 30 | 33 | 36 | 39 | 42 | 45 | 48 | 51 | 54 | 57 | 60 | 63 | 66 | 69 | 72 | 75 | 78 | 81 | 84 | 87 | 90 | | |
| 1100 | 3.3 | 6.6 | 9.9 | 13.2 | 16.5 | 19.8 | 23.1 | 26.4 | 29.7 | 33 | 36.3 | 39.6 | 42.9 | 46.2 | 49.5 | 52.8 | 56.1 | 59.4 | 62.7 | 66 | 69.3 | 72.6 | 75.9 | 79.2 | 82.5 | 85.8 | 89.1 | 92.4 | 95.7 | 99 | | |
| 1200 | 3.6 | 7.2 | 10.8 | 14.4 | 18 | 21.6 | 25.2 | 28.8 | 32.4 | 36 | 39.6 | 43.2 | 46.8 | 50.4 | 54 | 57.6 | 61.2 | 64.8 | 68.4 | 72 | 75.6 | 79.2 | 82.8 | 86.4 | 90 | 93.6 | 97.2 | 100.8 | 104.4 | 108 | | |
| 1300 | 3.9 | 7.8 | 11.7 | 15.6 | 19.5 | 23.4 | 27.3 | 31.2 | 35.1 | 39 | 42.9 | 46.8 | 50.7 | 54.6 | 58.5 | 62.4 | 66.3 | 70.2 | 74.1 | 78 | 81.9 | 85.8 | 89.7 | 93.6 | 97.5 | 101.4 | 105.3 | 109.2 | 113.1 | 117 | | |
| 1400 | 4.2 | 8.4 | 12.6 | 16.8 | 21 | 25.2 | 29.4 | 33.6 | 37.8 | 42 | 46.2 | 50.4 | 54.6 | 58.8 | 63 | 67.2 | 71.4 | 75.6 | 79.8 | 84 | 88.2 | 92.4 | 96.6 | 100.8 | 105 | 109.2 | 113.4 | 117.6 | 121.8 | 126 | | |
| 1500 | 4.5 | 9 | 13.5 | 18 | 22.5 | 27 | 31.5 | 36 | 40.5 | 45 | 49.5 | 54 | 58.5 | 63 | 67.5 | 72 | 76.5 | 81 | 85.5 | 90 | 94.5 | 99 | 103.5 | 108 | 112.5 | 117 | 121.5 | 126 | 130.5 | 135 | | |
| 1600 | 4.8 | 9.6 | 14.4 | 19.2 | 24 | 28.8 | 33.6 | 38.4 | 43.2 | 48 | 52.8 | 57.6 | 62.4 | 67.2 | 72 | 76.8 | 81.6 | 86.4 | 91.2 | 96 | 100.8 | 105.6 | 110.4 | 115.2 | 120 | 124.8 | 129.6 | 134.4 | 139.2 | 144 | | |
| 1700 | 5.1 | 10.2 | 15.3 | 20.4 | 25.5 | 30.6 | 35.7 | 40.8 | 45.9 | 51 | 56.1 | 61.2 | 66.3 | 71.4 | 76.5 | 81.6 | 86.7 | 91.8 | 96.9 | 102 | 107.1 | 112.2 | 117.3 | 122.4 | 127.5 | 132.6 | 137.7 | 142.8 | 147.9 | 153 | | |
| 1800 | 5.4 | 10.8 | 16.2 | 21.6 | 27 | 32.4 | 37.8 | 43.2 | 48.6 | 54 | 59.4 | 64.8 | 70.2 | 75.6 | 81 | 86.4 | 91.8 | 97.2 | 102.6 | 108 | 113.4 | 118.8 | 124.2 | 129.6 | 135 | 140.4 | 145.8 | 151.2 | 156.6 | 162 | | |
| 1900 | 5.7 | 11.4 | 17.1 | 22.8 | 28.5 | 34.2 | 39.9 | 45.6 | 51.3 | 57 | 62.7 | 68.4 | 74.1 | 79.8 | 85.5 | 91.2 | 96.9 | 102.6 | 108.3 | 114 | 119.7 | 125.4 | 131.1 | 136.8 | 142.5 | 148.2 | 153.9 | 159.6 | 165.3 | 171 | | |
| 2000 | 6 | 12 | 18 | 24 | 30 | 36 | 42 | 48 | 54 | 60 | 66 | 72 | 78 | 84 | 90 | 96 | 102 | 108 | 114 | 120 | 126 | 132 | 138 | 144 | 150 | 156 | 162 | 168 | 174 | 180 | | |
| 2100 | 6.3 | 12.6 | 18.9 | 25.2 | 31.5 | 37.8 | 44.1 | 50.4 | 56.7 | 63 | 69.3 | 75.6 | 81.9 | 88.2 | 94.5 | 100.8 | 107.1 | 113.4 | 119.7 | 126 | 132.3 | 138.6 | 144.9 | 151.2 | 157.5 | 163.8 | 170.1 | 176.4 | 182.7 | 189 | | |
| 2200 | 6.6 | 13.2 | 19.8 | 26.4 | 33 | 39.6 | 46.2 | 52.8 | 59.4 | 66 | 72.6 | 79.2 | 85.8 | 92.4 | 99 | 105.6 | 112.2 | 118.8 | 125.4 | 132 | 138.6 | 145.2 | 151.8 | 158.4 | 165 | 171.6 | 178.2 | 184.8 | 191.4 | 198 | | |
| 2300 | 6.9 | 13.8 | 20.7 | 27.6 | 34.5 | 41.4 | 48.3 | 55.2 | 62.1 | 69 | 75.9 | 82.8 | 89.7 | 96.6 | 103.5 | 110.4 | 117.3 | 124.2 | 131.1 | 138 | 144.9 | 151.8 | 158.7 | 165.6 | 172.5 | 179.4 | 186.3 | 193.2 | 200.1 | 207 | | |
| 2400 | 7.2 | 14.4 | 21.6 | 28.8 | 36 | 43.2 | 50.4 | 57.6 | 64.8 | 72 | 79.2 | 86.4 | 93.6 | 100.8 | 108 | 115.2 | 122.4 | 129.6 | 136.8 | 144 | 151.2 | 158.4 | 165.6 | 172.8 | 180 | 187.2 | 194.4 | 201.6 | 208.8 | 216 | | |
| 2500 | 7.5 | 15 | 22.5 | 30 | 37.5 | 45 | 52.5 | 60 | 67.5 | 75 | 82.5 | 90 | 97.5 | 105 | 112.5 | 120 | 127.5 | 135 | 142.5 | 150 | 157.5 | 165 | 172.5 | 180 | 187.5 | 195 | 202.5 | 210 | 217.5 | 225 | | |
| 2600 | 7.8 | 15.6 | 23.4 | 31.2 | 39 | 46.8 | 54.6 | 62.4 | 70.2 | 78 | 85.8 | 93.6 | 101.4 | 109.2 | 117 | 124.8 | 132.6 | 140.4 | 148.2 | 156 | 163.8 | 171.6 | 179.4 | 187.2 | 195 | 202.8 | 210.6 | 218.4 | 226.2 | 234 | | |
| 2700 | 8.1 | 16.2 | 24.3 | 32.4 | 40.5 | 48.6 | 56.7 | 64.8 | 72.9 | 81 | 89.1 | 97.2 | 105.3 | 113.4 | 121.5 | 129.6 | 137.7 | 145.8 | 153.9 | 162 | 170.1 | 178.2 | 186.3 | 194.4 | 202.5 | 210.6 | 218.7 | 226.8 | 234.9 | 243 | | |
| 2800 | 8.4 | 16.8 | 25.2 | 33.6 | 42 | 50.4 | 58.8 | 67.2 | 75.6 | 84 | 92.4 | 100.8 | 109.2 | 117.6 | 126 | 134.4 | 142.8 | 151.2 | 159.6 | 168 | 176.4 | 184.8 | 193.2 | 201.6 | 210 | 218.4 | 226.8 | 235.2 | 243.6 | 252 | | |
| 2900 | 8.7 | 17.4 | 26.1 | 34.8 | 43.5 | 52.2 | 60.9 | 69.6 | 78.3 | 87 | 95.7 | 104.4 | 113.1 | 121.8 | 130.5 | 139.2 | 147.9 | 156.6 | 165.3 | 174 | 182.7 | 191.4 | 200.1 | 208.8 | 217.5 | 226.2 | 234.9 | 243.6 | 252.3 | 261 | | |
| 3000 | 9 | 18 | 27 | 36 | 45 | 54 | 63 | 72 | 81 | 90 | 99 | 108 | 117 | 126 | 135 | 144 | 153 | 162 | 171 | 180 | 189 | 198 | 207 | 216 | 225 | 234 | 243 | 252 | 261 | 270 | | |
| 3000+ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

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|--------------------------------------|-------------------------|-------------------------|---|---|
| Up to 86Kg | 86-100kg | 100-130kg | Over 130Kg | Over 2M Both sides |
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