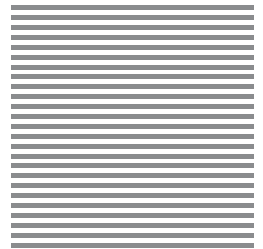
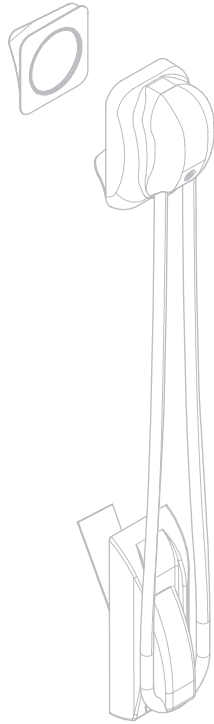


SL27C duette

SL32C duette

PLEATED BLIND

black-out



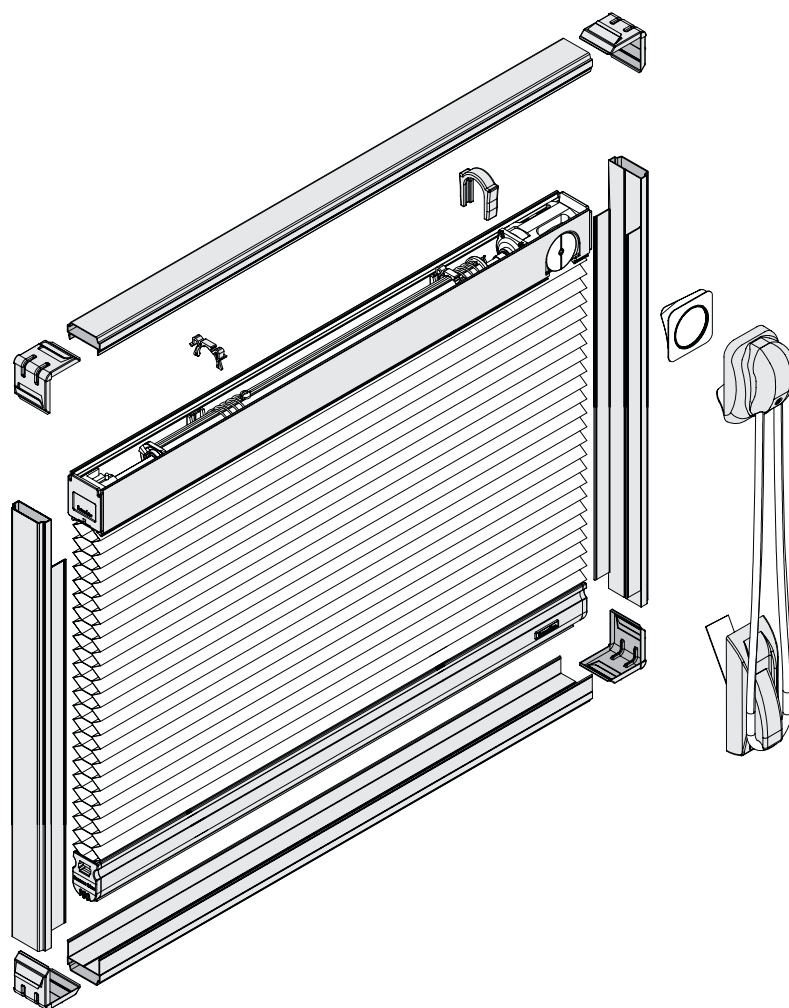
ScreenLine®

ScreenLine

SL27C duette

SL32C duette

PLEATED BLIND



The ScreenLine® pleated blind SL27C or SL32C duette for use in double-glazed units, is manufactured in accordance with high technical specification and production standards. Recommended in all cases where total blackout conditions are required.

The kit comes complete with U-profile for all 4 sides in order to avoid light transfer around the edge of the window. The pleated duette blind operation is achieved using a rotational magnetic transmission through the glass thereby guaranteeing the unit's hermetic seal. The external magnet, fixed to the internal glass by double-sided high performance adhesive allows perfect alignment with the internal magnet.

The raising and lowering operation is achieved using a continuous cord loop that drives the external magnet. The cord is held lightly under tension by a cord tensioner on the glass directly below the external magnet.

Height	300 ~ 2.600 mm
Width	300 ~ 2.500 mm
Maximum area	see feasibility tables
Blind pack height	3% blind height + 65 mm

1. technical features

Magnetic drive components

Fibreglass re-inforced nylon 66 casing. Transmission gears and parts manufactured from carbon-nitride steel. Ball bearing support for both magnets and gears.

Neodymium-Iron-Boron magnets with the following technical features:

Energy produced	Bh max-Mg.Oe	33-35
Residual induction	Br-Gauss	11.000 / 12.000
Coercive force	Hc-Oestered	10.000
Maximum working temperature	°C	120
Curie temperature	°C	310
Reversible temperature factor	°C	-0.12%

Head rail

Extruded aluminium, A6063S-T5 alloy.

Dimensions: width 27 mm, height 34 mm.

Powder coated in aluminium grey colour and beige.

Duette pleated fabric

Woven 100% polyester fabric, 20 mm pleat, with a cellular structure, black out. Total black out is achieved by using a polyester microfilm coating applied to the internal surface of the cell fabric.

The holes for the cords remain hidden because they are contained within the double pleats.

Colours available: 2 (white and beige) - black out

Performance characteristic of the pleated fabric - Duette

Pleated Fabric	Solar reflection%	Light reflection%	Solar absorption%	Solar transmission%	Light transmission%
Duette	60	72	40	0	0

Bottom rail

Extruded aluminium A6063S-T5 alloy.

Dimensions: width 20 mm, height 30 mm.

Powder coated to aluminium grey or beige colour.

Manufactured in two interlocking profiles.

Cords

Thermo-fixed 100% polyester.

Internal cord: 1.0 mm diameter with internal core and excellent dimensional stability and very little shrinkage effects at high temperature, colour white.

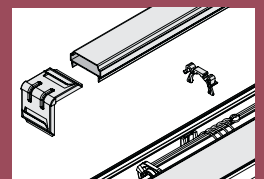
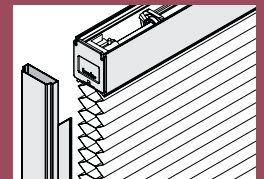
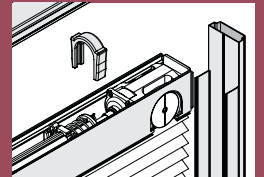
External cord: 4.0 mm diameter; colours available: white, black or light grey.

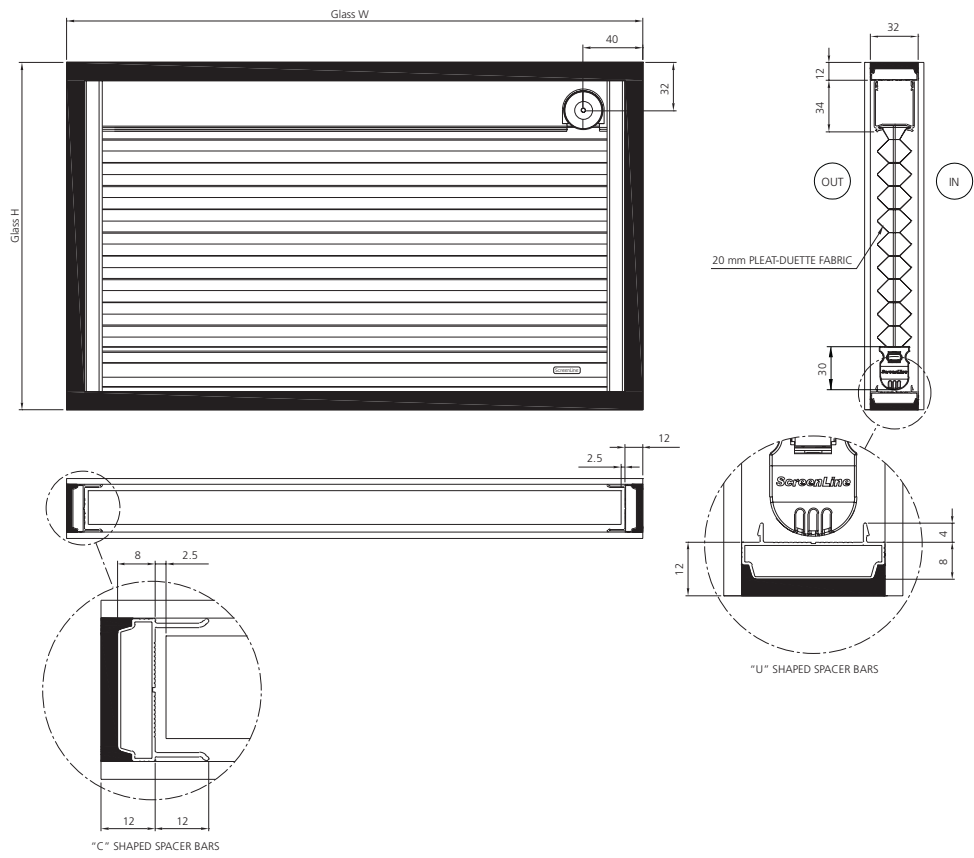
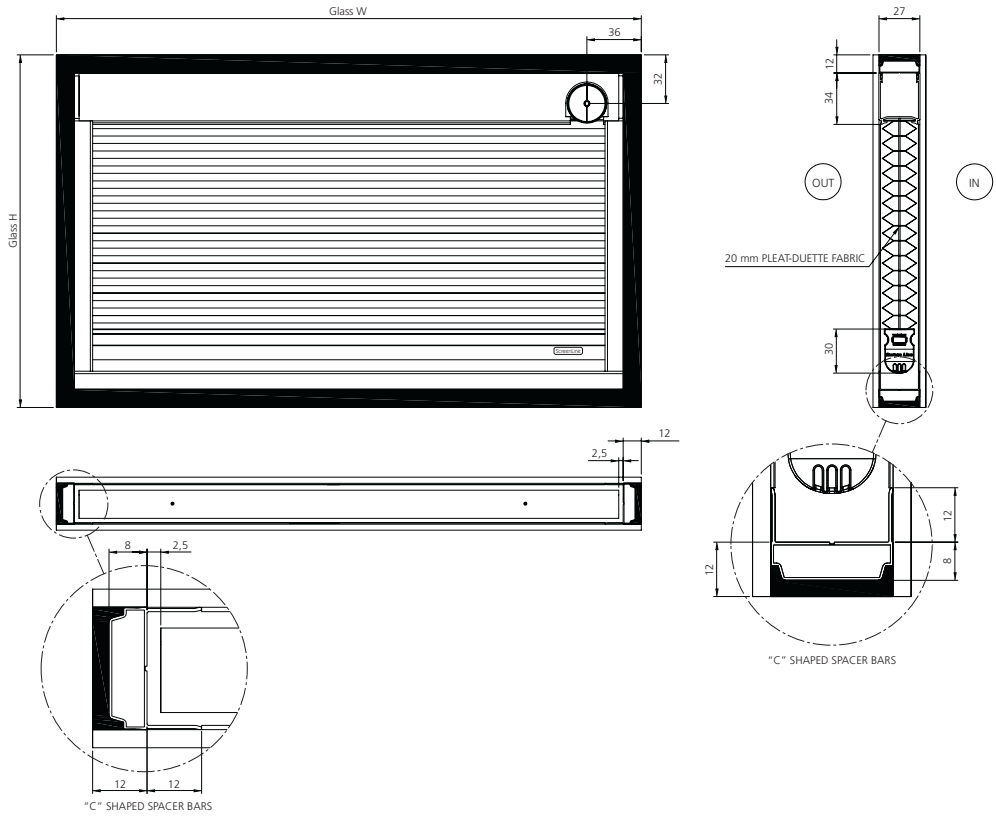
Spacer bar

Extruded aluminium. Dimensions: width 27 mm, height 8 mm.

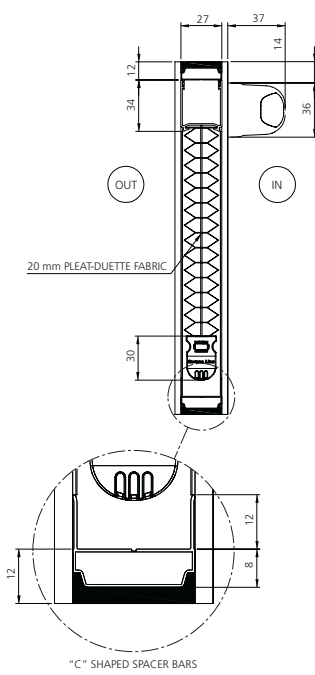
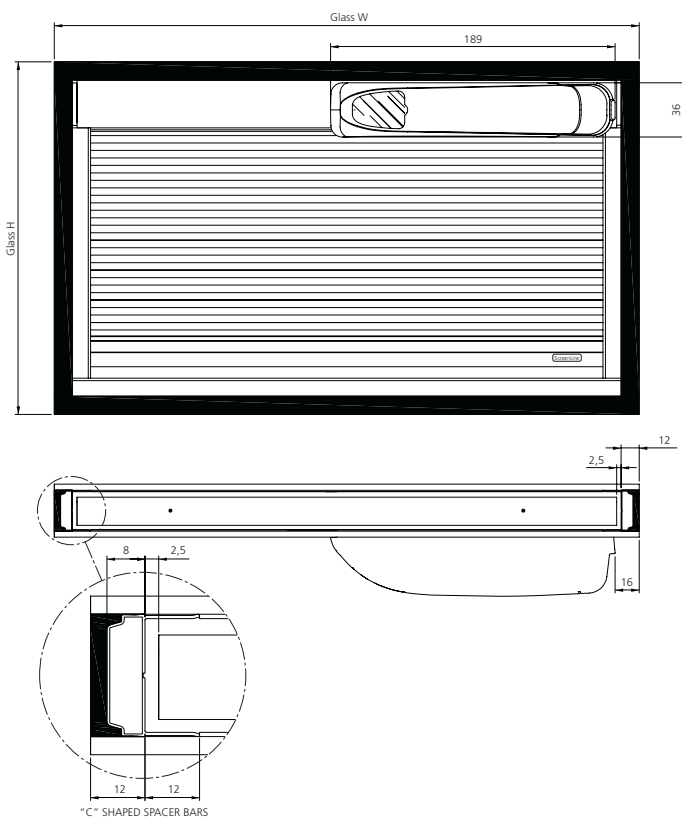
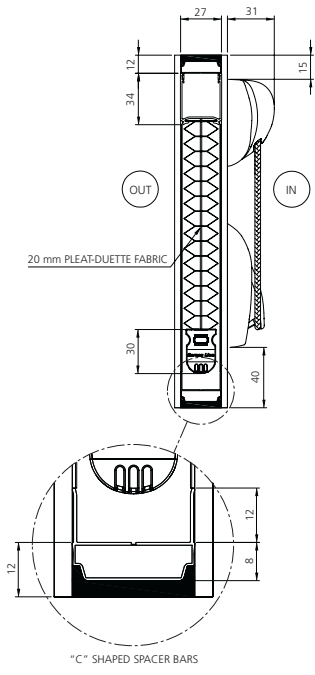
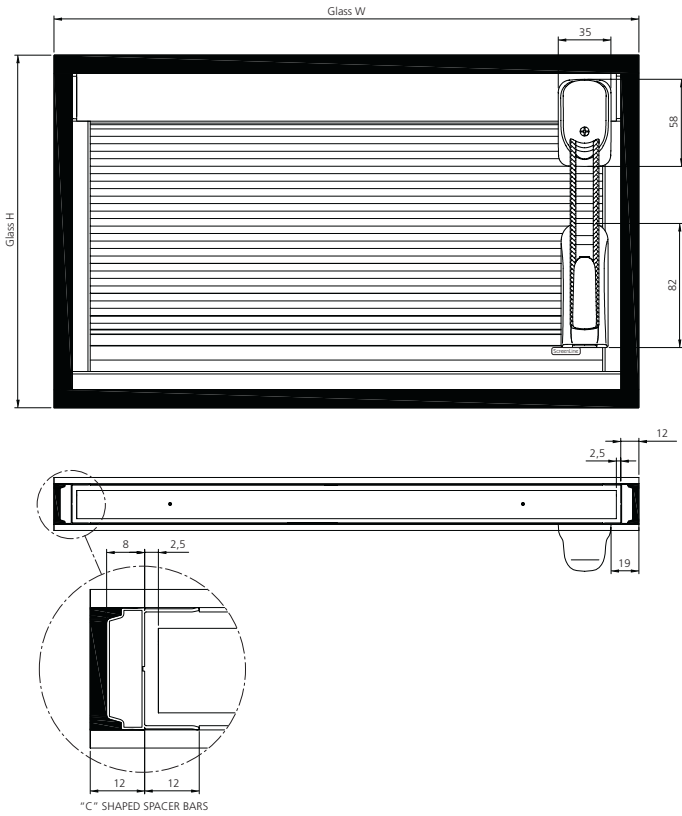
Superior "U" shaped spacer bars with 4,2 mm pelmet; Inferior and sides: "C" shaped spacer bars with 12 mm clipping projection.

"C" shaped spacer bars are supplied with "No-Dust treatment".





raising and lowering function



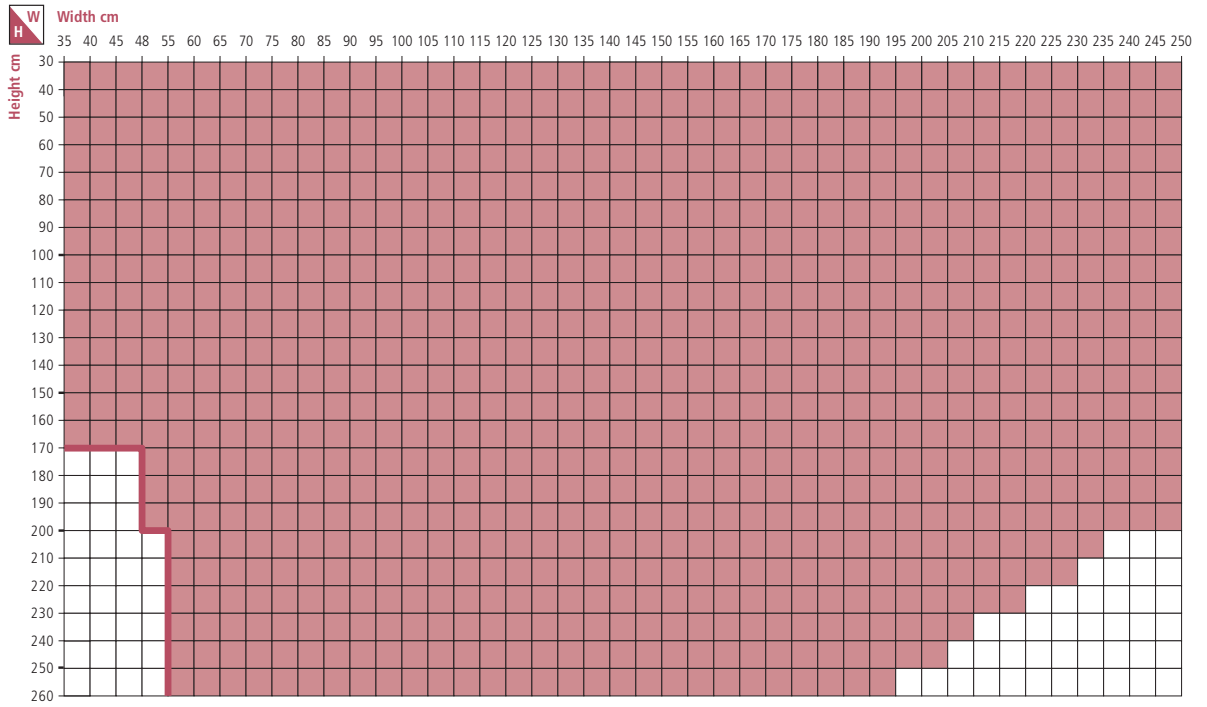
SL27C pleated duette double-glazed unit with cord operation

SL27C pleated duette double-glazed unit with external motor

SL27C duette

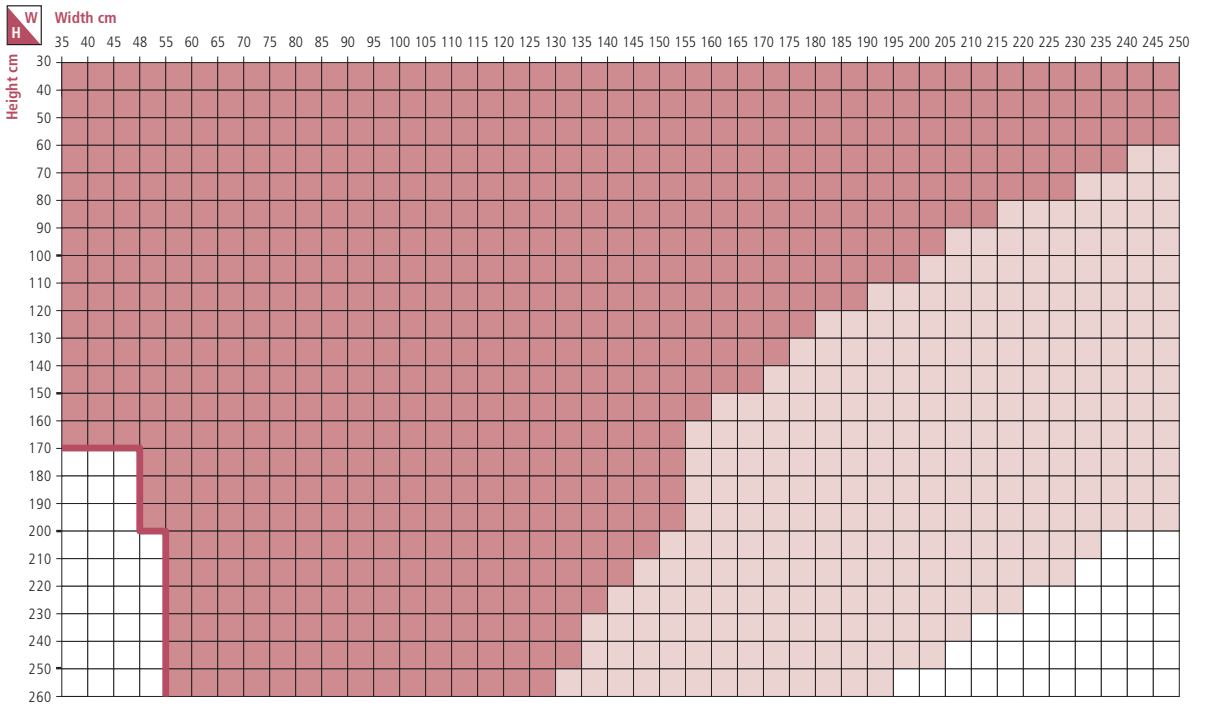
4
5

glass thickness **4 mm e 5 mm** Monolithic



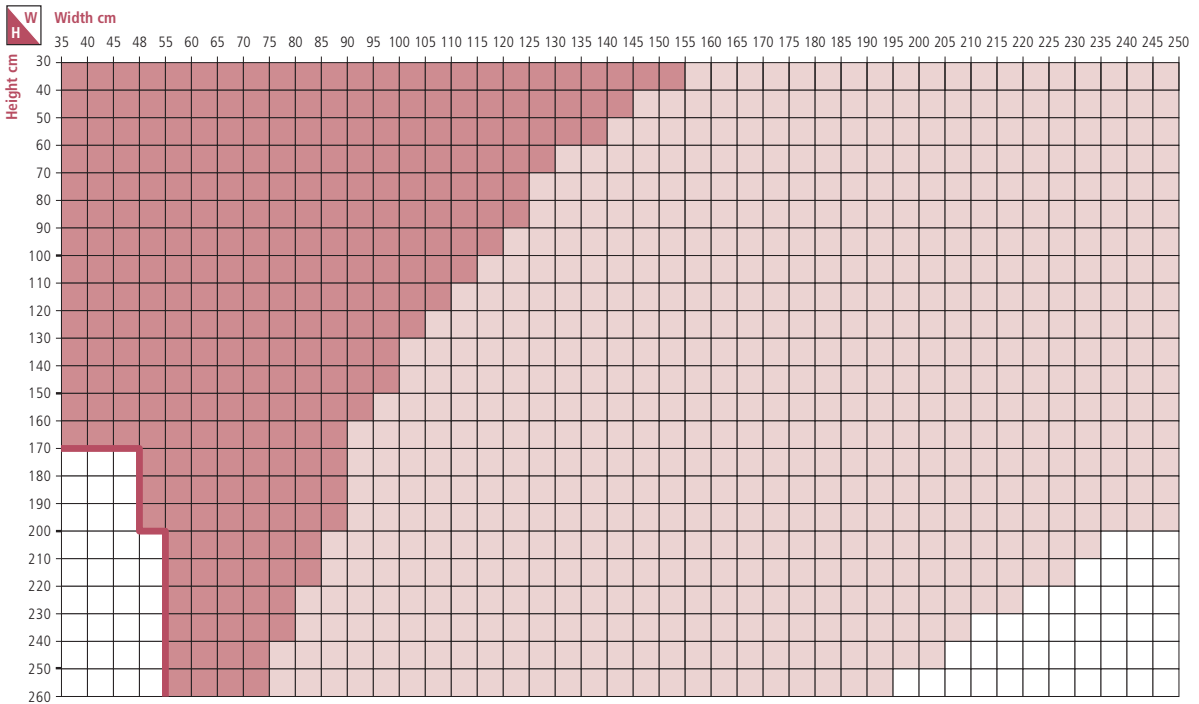
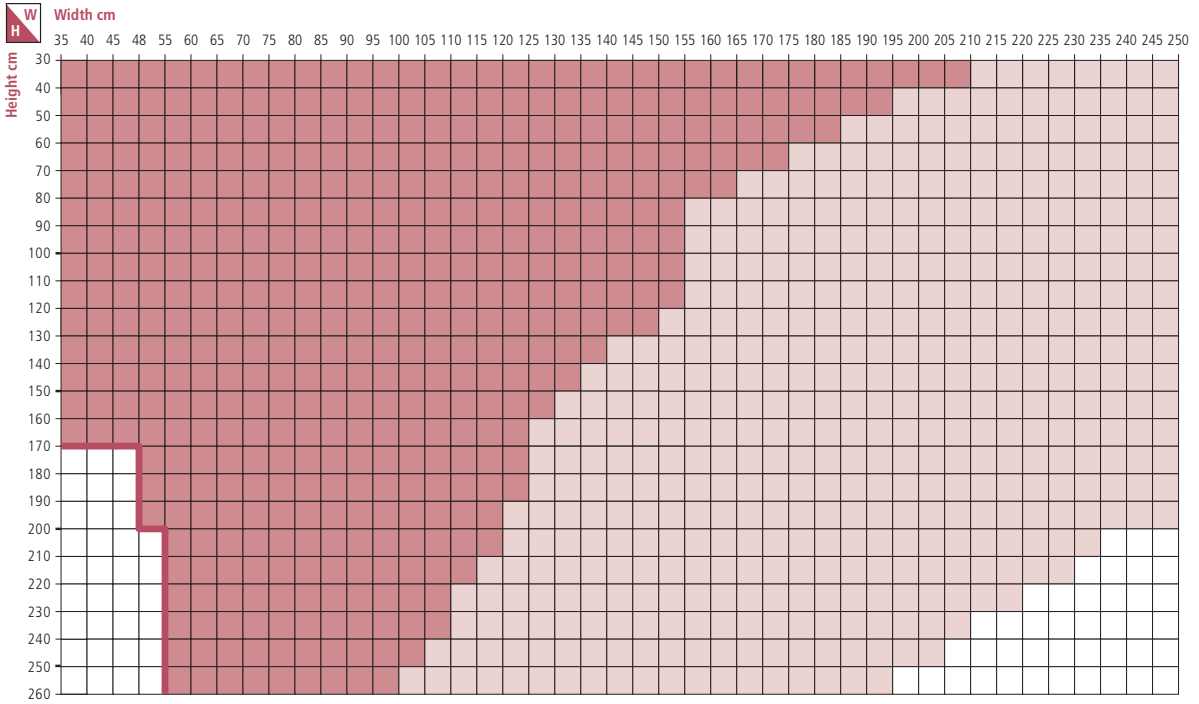
6

glass thickness **6 mm** Monolithic



- Raisable with standard speed System
- Raisable with reduced speed System
- Not feasible

3. feasibility

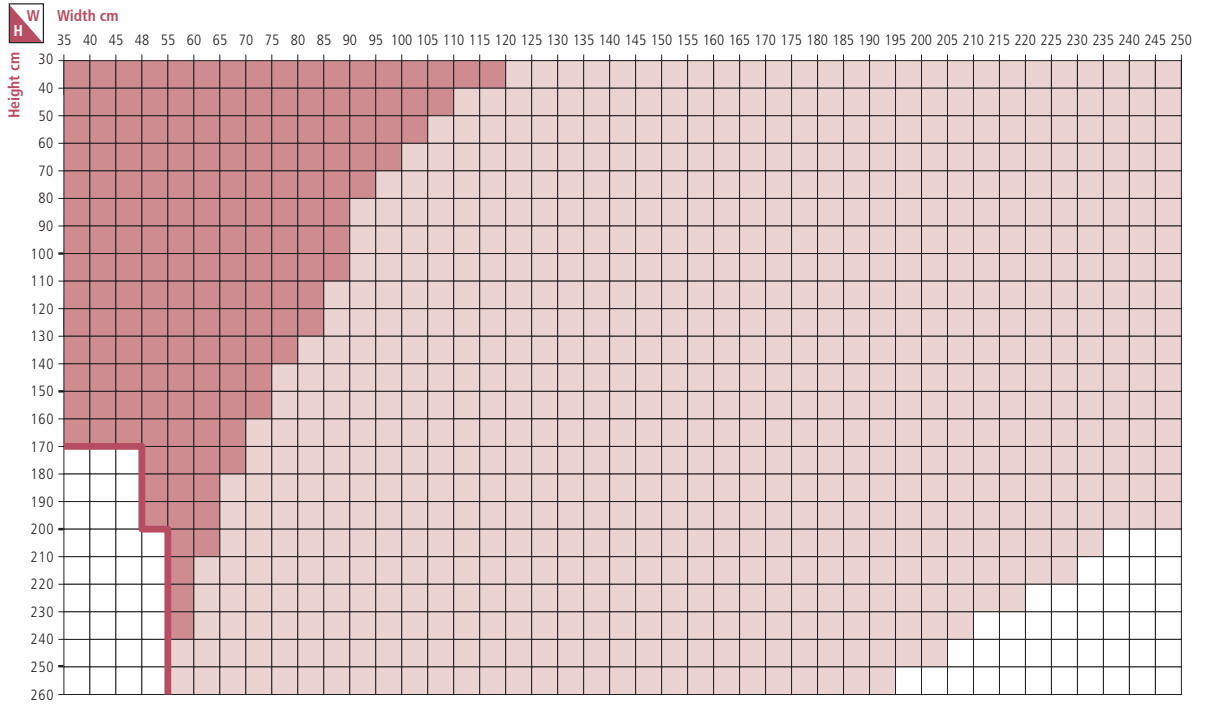


Raisable with standard speed System
 Raisable with reduced speed System
 Not feasible

SL27C duette

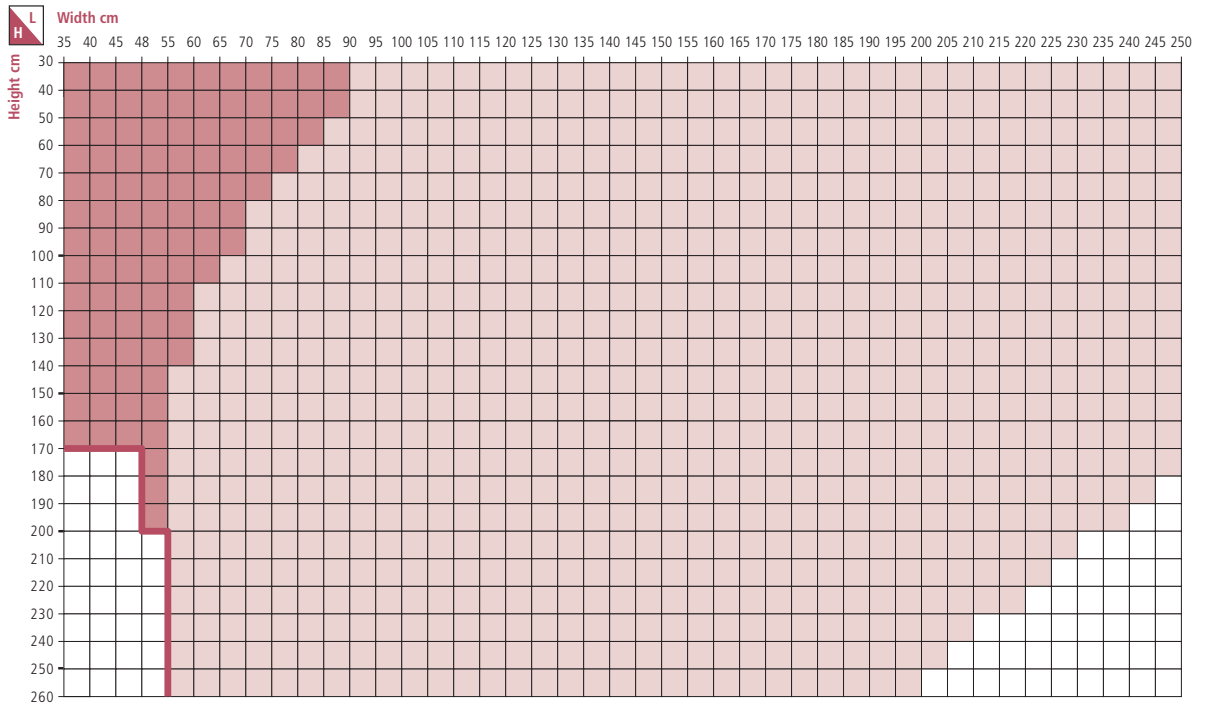
9

glass thickness **9 mm Laminated 44.1 44.2**



10

glass thickness **10 mm Monolithic**

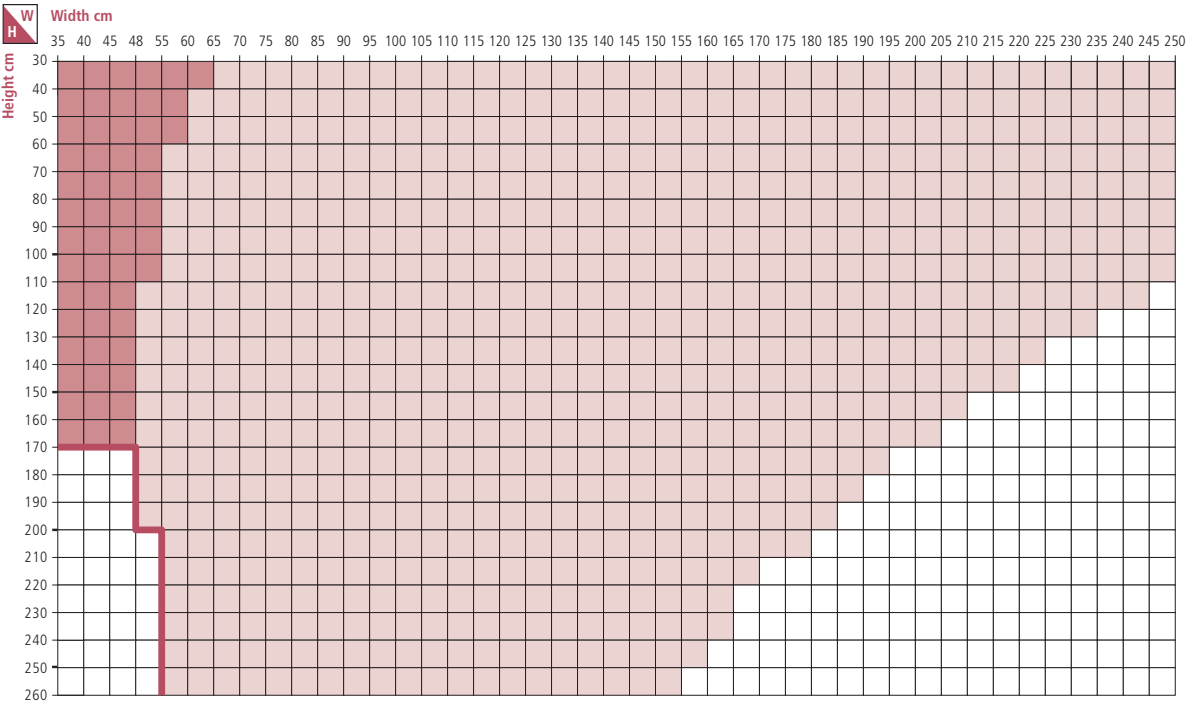


Raisable with standard speed System

Raisable with reduced speed System

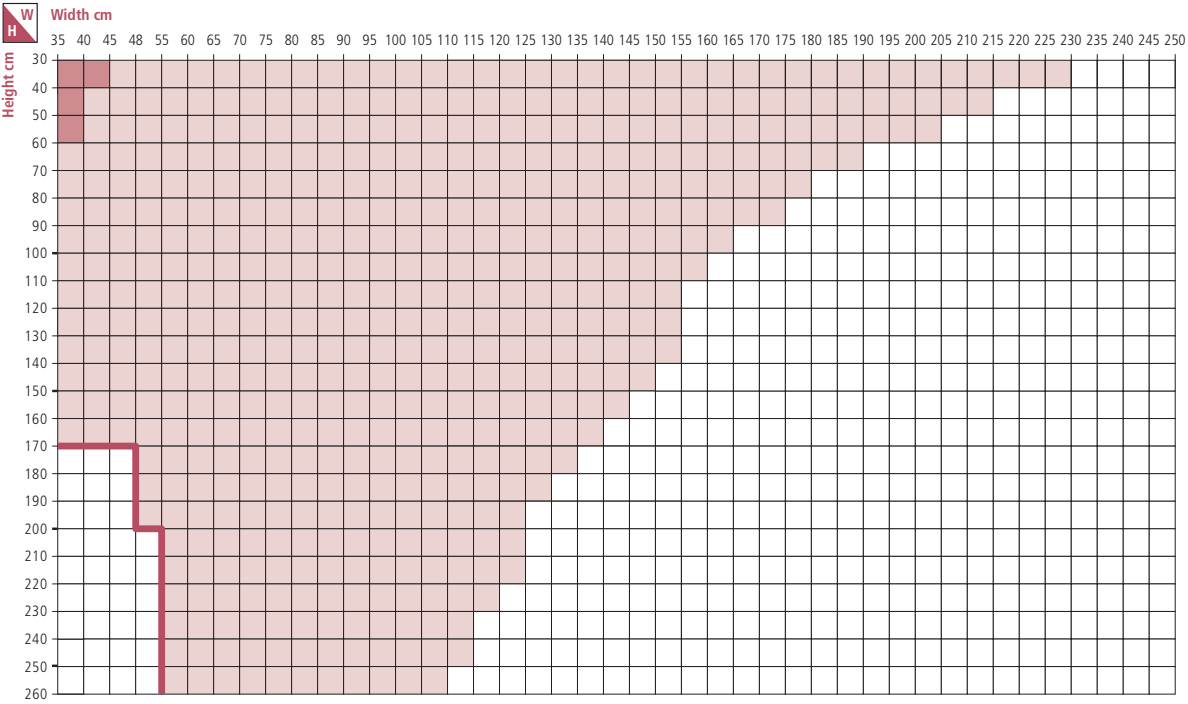
Not feasible

feasibility



11

glass thickness **11 mm Laminated 55.1 55.2 55.4**



13

glass thickness **13 mm Laminated 66.1 66.2 66.4**

Raisable with standard speed System
 Raisable with reduced speed System
 Not feasible

www.pellini.net

