



TEA GLASS · INCE BELLI · TÜRKİYE

Made for the second pour.

Tulipa presses the Turkish ince belli tea glass in soda-lime glass at a 1.9 mm wall, tempers the foodservice line, and ships it to European and Gulf buyers in partitioned cartons that survive the last mile.

THE PLANT

One mould, one wall thickness, every run.

Sand, soda ash and limestone go into the furnace at 1,480 °C. What comes out is press-blown into a tulip mould, so the waist and rim geometry repeat run to run instead of drifting with the operator.

The rim is fire-polished in a separate pass, then the glass travels through the annealinglehr on a controlled cooling curve. Stress that is not taken out here becomes a crack three months later in someone's dishwasher.

The foodservice line goes on to tempering. The retail line does not — a tempered glass is safer but reads heavier in the hand, and a household buyer notices.

1.9 mm

WALL THICKNESS

42 K

THERMAL SHOCK

92 g

FINISHED WEIGHT

180k

PIECES PER WEEK



PRODUCT RANGE

Split by capacity and grip, not by pattern.

Every item below comes off the same mould family and the same batch. A buyer chooses on volume, on whether the glass needs a handle, and on whether it ships as a case or as a retail box.



Tulipa Classic — 125 cc

The reference ince belli. 125 cc nominal, 142 cc brim-full, 88 mm tall. Tempered for the foodservice line, annealed for retail. 48 pieces to a partitioned master carton.

Capacity 125 cc · Height 88 mm · Rim 58 mm · Carton 48 pcs



Tulipa Grande — 165 cc

The larger pour European cafés ask for. Same waist ratio scaled up: 97 mm tall, 64 mm rim, 108 g. Fits standard 12 cm saucers without overhang.

Capacity 165 cc · Height 97 mm · Rim 64 mm · Carton 36 pcs



Tulipa Anse — 145 cc handled

Applied handle, annealed at the joint in the same lehr pass so the handle and body cool together. Specified where staff serve at pace and burn risk drives the purchase.

Capacity 145 cc · Height 92 mm · Handle applied · Carton 36 pcs



Tulipa Saucer — 12 cm

12 cm pressed saucer with a 40 mm seat ring that holds the Classic and the Grande without rattle. Stacks 20 high on a shelf.

Diameter 120 mm · Seat ring 40 mm · Weight 146 g · Carton 72 pcs



Tulipa Set 6 — retail box

Six Classic glasses and six saucers in a printed box with die-cut inserts, barcoded per box. Built for shelf: the box opens flat and the glasses face front.

Contents 6 + 6 · Box 260x175x105 mm · Gross 2.4 kg · Master 4

TECHNICAL DATA

Our number on the left, the legal limit on the right.

Dimensional values are from the current mould and carry the tolerance we hold, not the tolerance we are allowed. Migration values come from an accredited laboratory report issued against EN 1388-2.

PARAMETER	UNIT	TULIPA CLASSIC	LIMIT / METHOD
Nominal capacity	cc	125	± 5 %
Brim-full capacity	cc	142	declared
Height	mm	88	± 1.5
Rim diameter	mm	58	± 1.0
Base diameter	mm	36	± 1.0
Wall thickness	mm	1.9	≥ 1.6 held
Finished weight	g	92	± 5
Material	—	soda-lime	lead-free
Thermal shock resistance	K	42	ISO 7459 method
Lead migration	mg/l	< 0.05	≤ 4.0 · 84/500/EEC
Cadmium migration	mg/l	< 0.01	≤ 0.3 · 84/500/EEC
Lead, lip and rim	mg/article	< 0.05	≤ 2.0
Master carton	pcs	48	partitioned
Cartons per pallet	—	60	800×1200 euro

Values are from the most recent production run and the laboratory report that accompanies it. A Declaration of Compliance under Regulation (EC) 1935/2004 is issued per shipment and names the batch it covers.

Seven stations, one of which decides everything.

Forming makes the shape. Annealing decides whether the shape survives a year of service — which is why the lehr curve, not the mould, is the station we instrument most.

01	Batch and melt Silica sand, soda ash and limestone, weighed to the batch sheet and melted at 1,480 °C. Cullet from our own line goes back in; bought cullet does not, because its composition is unknown.
02	Press-blow forming A gob is dropped into the tulip mould and press-blown to a 1.9 mm wall. The mould carries the waist geometry, so it is repeatable rather than operator-dependent.
03	Rim fire-polishing The cut edge is reflowed in a burner pass until it rounds. This is the edge the buyer's thumb finds and the edge that chips first in a dishwasher rack.
04	Annealing lehr A controlled cooling curve from 560 °C down, long enough to relieve internal stress. Residual stress is checked on a polariscope, not assumed.
05	Tempering — foodservice line Rapid surface cooling puts the outer skin into compression. It is what takes thermal shock resistance to 42 K and changes the break pattern to blunt granules.
06	Inspection Dimensional gauging, stress on the polariscope, and a migration sample pulled per batch for the laboratory. Rejects are crushed back to cullet on the same site.
07	Packing Partitioned master cartons — the partition, not the outer wall, is what stops glass-on-glass contact in transit. Palletised, strapped, corner-protected.

The document set a European buyer opens first.

Regulation (EC) 1935/2004	Framework FCM regulation — Declaration of Compliance issued per shipment
Directive 84/500/EEC	Lead and cadmium migration limits the glass industry applies
EN 1388-2 / ISO 7086-1	Test method behind the migration figures: 4 % acetic acid, 22 °C, 24 h
LFGB §30 / §31	German food-contact requirement, tested for buyers who ask
Tulija FDA 21 CFR 175/177	US food-contact compliance for North American shipments
ISO 9001	Quality management system covering the plant

CONTACT

Send the volume. We will send the numbers.

Tell us the item, the annual quantity and the destination port. You get a unit price, a carton and container plan, and the document set that travels with the goods.

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