

Glossary - Glass

AGST FINISH - All Glass Sprinkler Top Finish with a very small inside diameter that allows the contents to be sprinkled from the bottle instead of running freely.

AQL - Acceptable Quality Level. This is a term used in statistics to denote the degree of acceptance to which customers will work in evaluating a shipment of containers.

AMBER - A chromatic (brown) color of glass or plastic containers. Used primarily to protect the contents of the container from exposure to light.

ANNEALING - A controlled temperature method of gradually cooling glass containers in ovens or lehrs to avoid the creation of stresses and strains within the glass due to natural or uneven cooling.

APPLIED COLOR LETTERING - Applied Color Lettering is colored lettering or design applied to glass containers.

AUTOCLAVE - An apparatus for sterilizing, using superheated steam under pressure.

BEAD - See "Neck Bead"

BLANKS - The mold parts used in all glass container machines for preliminary formation of glass in preparation for the most efficient completion of glass containers in the finish molds where bottles are blown. The blank forms the parison; hence the parison itself is at times referred to as the blank.

BODY DIMENSIONS - The width, thickness, diameter, and height of a container including measurements, controlling contours, or other physical dimensions.

"C" DIMENSION - A measurement of the corkage area of a wine bottle.

CAPS - Term used for metal or plastic closures.

CLOSURE - Another name for cover, seal, lid, end, or cap.

CLOSURE LUG - Found only on lug twist caps, it fits under the glass lug for secure sealing.

CONTINUOUS THREAD (CT) - A continuous spiral projecting glass ridge around the finish of a container for at least one full turn. Same term applies to metal ridge in cap to match the glass thread.

"D" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

"E" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

EAR - Name given to the finger grip of pressed glass between the shoulder and finish of a ½ gallon, gallon, or other glass jug to facilitate holding the jug.

"F" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

FINISH - The glass surrounding the opening in a container, so called because when hand-blown, it was the last part formed. It is now the first part formed but is shaped to accommodate a specific type of closure by pressure of the neck rings.

FLINT - A glass industry term used to describe clear glass.

"G" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

GPI - Glass Packaging Institute. An organization comprising almost all glass container producers to establish policies such as standardization and to develop industry-advertising programs. (Address is 515 King St., Suite 420, Alexandria, VA 22314 <http://www.gpi.org/>).

GLASS LUG - Ridge of glass forming taper thread area to engage cap lug.

GROSSAGE - Quantity in terms of gross, usual denomination used in glass container terminology (144 units = 1 gross)

HEADSPACE - The space between the level of the contents in the neck of a container and the closure.

HERMETICALLY SEALED CONTAINER - Container designed to be secure from the entry of microorganisms and to maintain the commercial sterility of its contents.

"I" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

I.D. - Abbreviation for Inside Diameter

"J" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

"K" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

"L" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

LEHR - The long, heated oven through which glass containers move on a conveyor belt so that gradual cooling will properly anneal and remove stress from the glass.

LIP - The extreme outer edge of the top of a container intended to facilitate pouring.

"M" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

MOLD - (Glass) A set of iron forms that are fastened onto a bottle-making machine to provide a means of shaping a glass container.

MOLD DEPOSIT - A charge for new bottle molds, which will be rebated to the customer as a sufficient quantity of containers is manufactured, to justify and to amortize the mold cost.

MOLD NUMBER - Number by which mold equipment is identified. It is used as exact glass container identification in ordering containers to be manufactured or shipped.

"N" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

NARROW MOUTH - That finish of a glass container, the diameter of which is small relative to the diameter of the body.

NECK - The portion of a glass container in which the shoulder cross-sectional area decreases to join the finish.

NECK BEAD - A small protruding circle of glass on a glass container at the point where the neck meets the finish of the container.

NECK DOWN - Glass containers packed into cartons with "necks down" so that upon arrival in customer's plant they can be dumped by inverting the carton onto the filling line without individual handling of the containers.

NECK RING - That part of the mold gear or equipment that forms the finish of a bottle or jar.

NESTING - A method of packing glass containers in service cartons so that the containers in one row are staggered in relation to the bordering rows in order to maximize use of the total carton area.

"O" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

"O.D." - Abbreviation for "Outside Diameter."

OPEN STOCK - Glass containers in factory inventory available for shipment to customers.

OVER-RUN OR UNDER-RUN - This is a variation between the quantity of glass containers or closures ordered and the quantity actually shipped. It results from the inability to predetermine the loss due to rejection of faulty ware in the Selecting Department. The standard percentage of over-run/under-run is generally 10%.

OVERFLOW CAPACITY - The capacity to the top of the finish of a container, or to the point of overflow.

"P" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

PARISON - A specifically shaped formation of glass, which will be blown up like a balloon in the blow mold to form a bottle. Sometimes referred to as the "blank."

PARTING LINE (GLASS) - The slight horizontal ridge formed by a surplus of glass blown into a worn crevice or joint between two parts of the mold equipment. These lines may occur on various areas of the container, such as between the neck ring and the plunger tip or guide ring, between the neck ring and the blank or mold, and between the mold and bottom plate. (The vertical line formed by the joint between two halves of the same mold part is called a "seam.")

POUROUT FINISH - A glass container with an undercut immediately below the top, designed to facilitate pouring without dripping. It is used principally for prescription or drug and chemical containers.

PRIVATE MOLD (PM) - A term used to designate individual shapes or sizes used by a single customer for a product.

"R" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

REVERSE LETTERING - An ACL term referring to the lettering which results from cutting letters out of a solid band of color, which permits the letters to show through the color in glass.

"S" DIMENSION - Locates the position of the bottle thread with respect to the sealing surface. It is the vertical distance from the sealing surface to the intersection of the finish wall and the top part of the first part of the bottle's thread where full depth contour exists.

SAFETY BUTTON (FLIP PANEL) - Circular portion of cap panel, which changes from convex to concave when container has vacuum.

SCHEDULE DATE - The date products are to be manufactured.

SCREEN PRINTING (ACL) - A printing technique which involves the passage of a printing medium such as ink through a web of fabric, which has been stretched on a frame to which a refined form of stencil has been applied. The stencil openings determine the form and dimensions of imprint thus produced.

SEALING SURFACE - The portion of the finish that makes contact with the closure-sealing gasket of closure liner and forms a seal.

SHOULDER - The portion of a glass container in which the maximum cross section area or body area decreases to join the neck of the container.

STOCK MOLD - Mold used in manufacturing a container that is ordinarily carried in inventory for immediate shipment to any customer (called Floor Stock). Term "stock" distinguishes it from "private mold".

"T" DIMENSION - The outside diameter of the thread helix on a bottle finish.

THERMAL SHOCK - Shock to glass container originating from sudden change of temperature; important in washing operation with multiple-use bottles and processing operation with food containers.

TOLERANCE - Allowable variation from actual specifications permitted in manufacturing containers.

"U" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

UNIT MOLD - A single set of molds that can be used on a machine with molds for similar size, style, and weight containers to produce sample containers without having a full set of mold equipment.

"V" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.

WIDE MOUTH - That finish of a glass container, the diameter of which is large relative to the diameter of the body.

WOOD MODEL - A model of a container made from wood (now most often from plastic) meeting size limitations of container blueprint, to be used to gain customer's approval prior to making molds.

"Z" DIMENSION - Specific finish dimension that is part of a standard terminology used by the glass container industry.