1. This is a top seal finish and proper function of closure requires that the sealing surface must be smooth and free of irregularities that would prevent a vacuum seal being made, or interfere with rotation of closure. Variation of .015 flat should not exceed curvature of a .002 radius.

2. Best sealing results are obtained when glass finish is round and to the diameters shown in column headed "Ideal." The average of the minimum and maximum extremes of the "I" and "T" diameters should be as close as possible to dimensions shown in column headed "Ideal.""

3. "I" Diameter must be maintained throughout thread travel. REF. DEPTH .368

4. Construction is identical for all four threads.

5. Dotted contour is optional, but must clear cap limits shown by shaded area above .002 dimension.

6. Shaded area show contour to be cleared by the top of the glass finish for correct sealing results.

7. In order to provide cut-off action for cup removal, top surface of two opposing threads from point 1 upward along helix angle should be smooth and substantially filled.

8. "G" is helix angle at pitch diameter. The cutter is inclined at 8° angle for all threads and all cuts.

9. Tangent is lead (T) means between mean "I" and mean "E".

GPI: Glass Packaging Institute

Edward A. Grant

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TOP SEAL VACUUM LUG FINISH, SIZES 63 THROUGH 77 (4 LEADS)

GLASS FINISH NUMBER 2030