

# APC Products Limited

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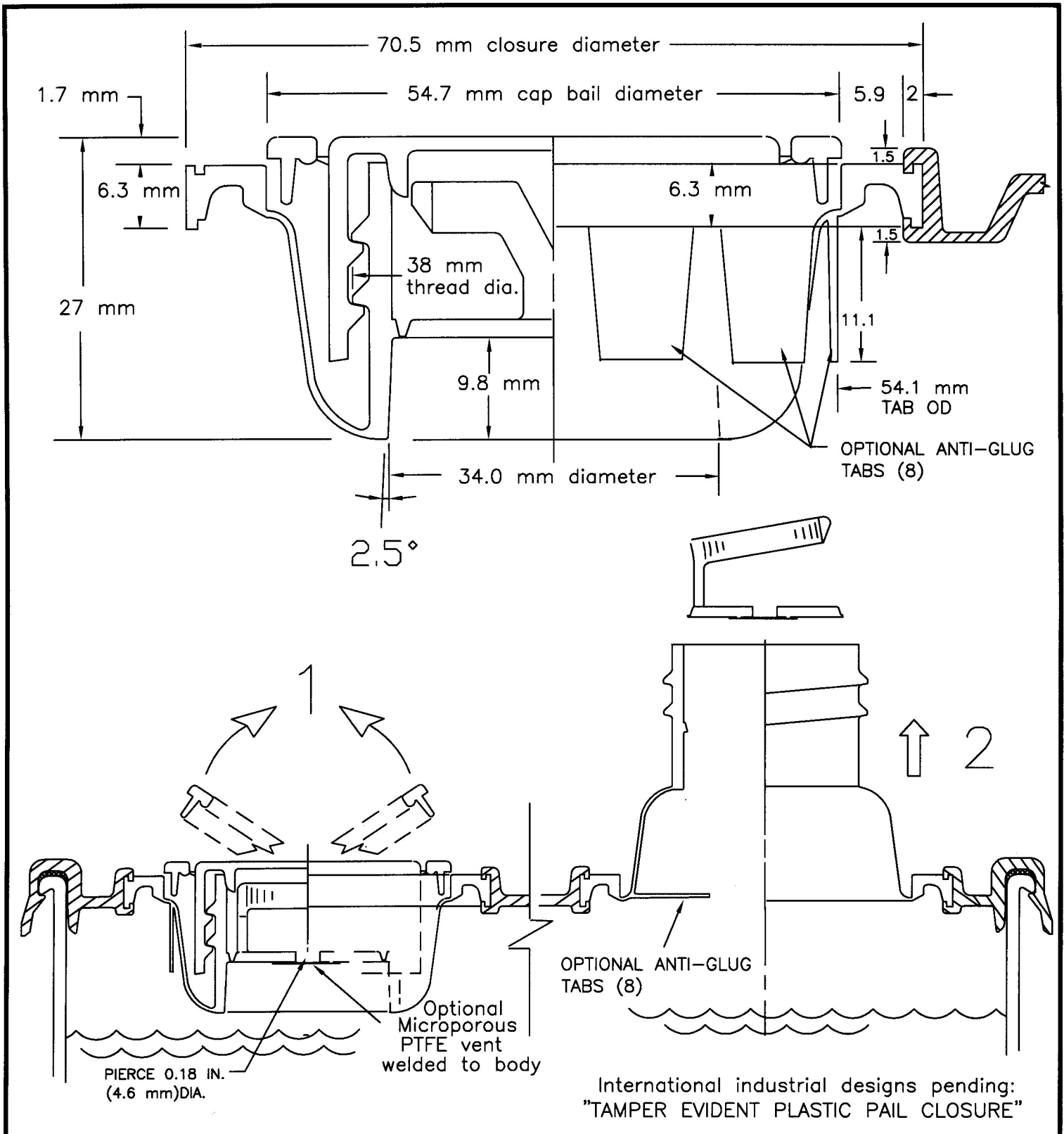
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## APC-7 PRODUCT SPECIFICATION 9-7

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| <b>DESCRIPTION</b>          | <b>APC-7 INSERT MOLDED CLOSURE for PLASTIC PAILS</b>   |
| <b>PART NUMBERS</b>         | <b>APC- 7 IMC</b>  |
| <b>PART DRAWINGS</b>        | AD9- 7.1 Rev 0      APC- 7 Insert Molded Closure   |
| <b>CLOSURE SIZE</b>         | 38 mm (1.5 inch) neck thread diameter<br>44 mm (1.8 inch) body height extended   |
| <b>COVER OPENING</b>        | 66 mm (2.6 inch) clamp inserts outside diameter.<br>New cover (lid) mold core and cavity inserts required.<br>Custom tooling available from Top Grade Molds, Mississauga ON, Canada<br>and A-1 Tool Corp, Melrose Park IL, USA   |
| <b>CLOSURE WEIGHT</b>       | 22 Grams +/- 1   |
| <b>MATERIAL &amp; COLOR</b> | FDA approved virgin resins<br>CAP – high density polyethylene, white<br>BODY – EVA co-polymer low density polyethylene, natural  |
| <b>TAMPER EVIDENCE</b>      | CAP – 4 tabs must be broken to lift 2 bails<br>BODY – plastic lid molded around body outer wall<br>- internal diaphragm with pull ring molded into spout neck  |
| <b>INSTALLATION</b>         | Manually or with robot place APC-7 closure into mold between molding cycles.<br>Closure is gripped between three ribs in cavity insert (stationary half).<br>During cover molding, hot plastic (HDPE or PP) flows around the closure body<br>Wall and into top and bottom wall grooves, securely attaching to the closure. |
| <b>PERFORMANCE *</b>        | Hydrostatic leak test target: 30 kPa (4.5 psi) water for 30 minutes  |
| <b>APPLICATION *</b>        | The closure is designed for UN Packing Group II and III applications up to 30<br>kPa subject to performance and product compatibility testing. Do not use for<br>hot fill applications or UN Packing Group I applications.   |
| <b>CONTROL OF CHANGE</b>    | Specifications are subject to change. APC-7 buyers on record will<br>be notified.  |

\* These product specifications are intended as a guide only. Closures are manufactured under a TS16949 quality program. Sample closures are available for product testing. It is the responsibility of the buyer and filler to ensure the closure meets the product compatibility and performance requirements for both regulated and non-regulated packaging applications.



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|  | <p>APC Products Limited<br/>CANADA      www.pailclosures.com</p> |
|  | <p>APC-7 INSERT MOLDED CLOSURE</p>                               |
| <p>REV 0<br/>3-09      PRODUCTION DRAWING ISSUED</p> |  |
| <p>EXHIBIT 9-7.1      DRAWN BY R. STURK</p>          | <p>NOT TO SCALE      DRAWING AD9-7.1</p>                         |