

APC Products Limited

www.pailclosures.com

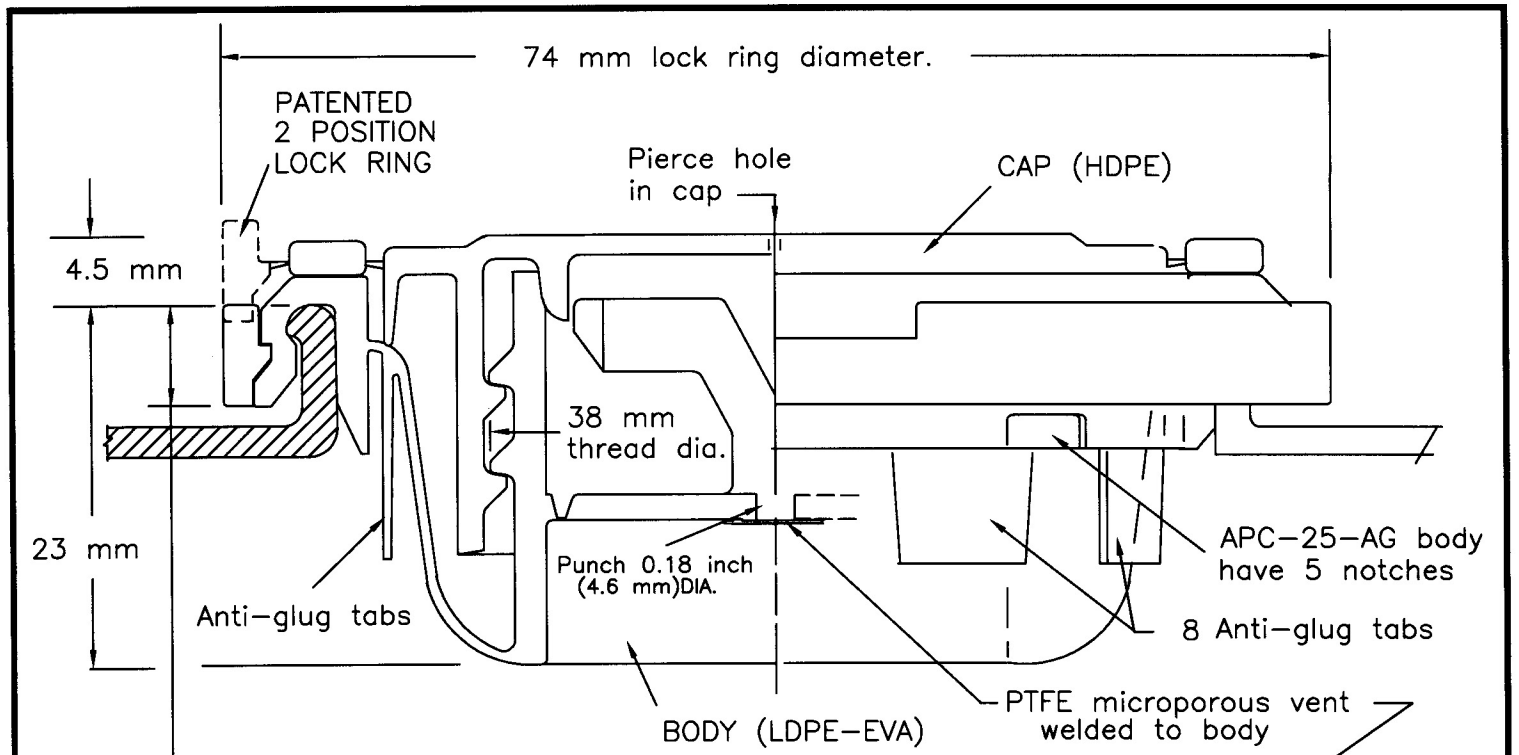
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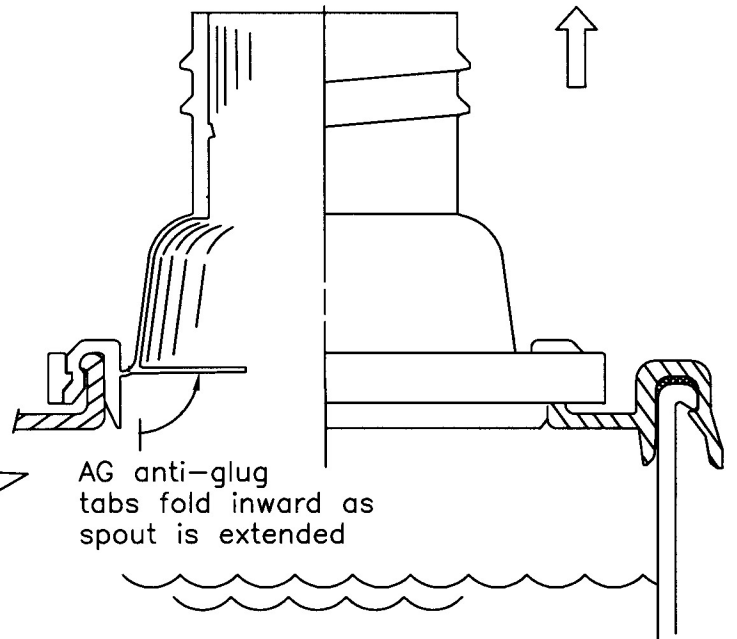
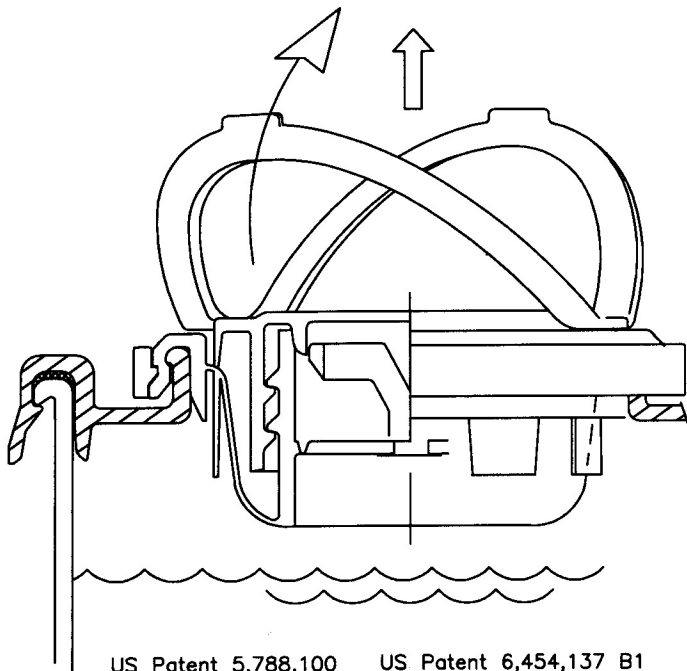
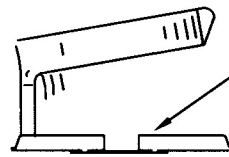
APC-2-AG-MV PRODUCT SPECIFICATION 9-2-AG-MV

DESCRIPTION	APC-2-AG-MV ANTI-GLUG + MICROPOROUS VENT CLOSURE
PART NUMBERS	APC-25-AG-MV for 5 mm minimum cover bead height APC-27-AG-MV for 7 mm minimum cover bead height
PART DRAWINGS	AD9-2-AG-MV Rev 0 APC-2-AG-MV Anti Glug Closure with Microporous Vent AD9-2.4 Rev 3 APC-1, APC-2 & APC-4 Cover Opening EX9-5.1 4/05 APC Janitorial Pail Closures Sales Brochure
CLOSURE SIZE	38 mm (1.5 inch) neck thread diameter 44 mm (1.8 inch) body height extended
COVER OPENING	65 mm (2.56 inch) cover beaded rim outside diameter AD9-2.4 Rev 3 APC-1, APC-2 & APC-4 Cover Opening
CLOSURE WEIGHT	28 Grams +/- 1
MATERIAL & COLOR	FDA approved virgin resins CAP – high density polyethylene, white BODY – EVA co-polymer low density polyethylene, natural
TAMPER EVIDENCE	CAP – 4 tabs must be broken to lift 2 bails BODY – internal diaphragm with pull ring molded into spout
INSTALLATION	Use installation press to fit onto warm or cold molded plastic covers Step # 1 – installation press forces cover beaded rim into closure body channel Step # 2 – the lock ring is pushed off the cap and into locking position around the closure body
PERFORMANCE *	Hydrostatic leak test target: 30 kPa (4.5 psi) water for 30 minutes Eight tabs fold inward as closure is opened. Flow control reduces glugging, splashing and clean-up Microporous vent acts as filter which passes gas but blocks liquid, and should be sealed to perform the above hydrostatic test.
PTFE COMPATIBILITY	Testing must be done to determine if packaged product is compatible with PTFE microporous membrane vent. Adverse effects may include blocking of vent holes or wetting through.
APPLICATION *	The closure is designed for UN Packing Group II and III applications up to 30 kPa subject to performance and product compatibility testing. Do not use for hot fill applications or UN Packing Group I applications.
CONTROL OF CHANGE	Specifications are subject to change. APC-2-AG-MV buyers on record will 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.



APC-2-AG closures have two sizes to fit various cover bead heights:
 APC-25-AG-MV fits 5 mm minimum bead height
 APC-27-AG-MV fits 7 mm minimum bead height



US Patent 5,788,100 US Patent 6,454,137 B1
 Cdn Patent 2,134,378 GB Patent 2359071

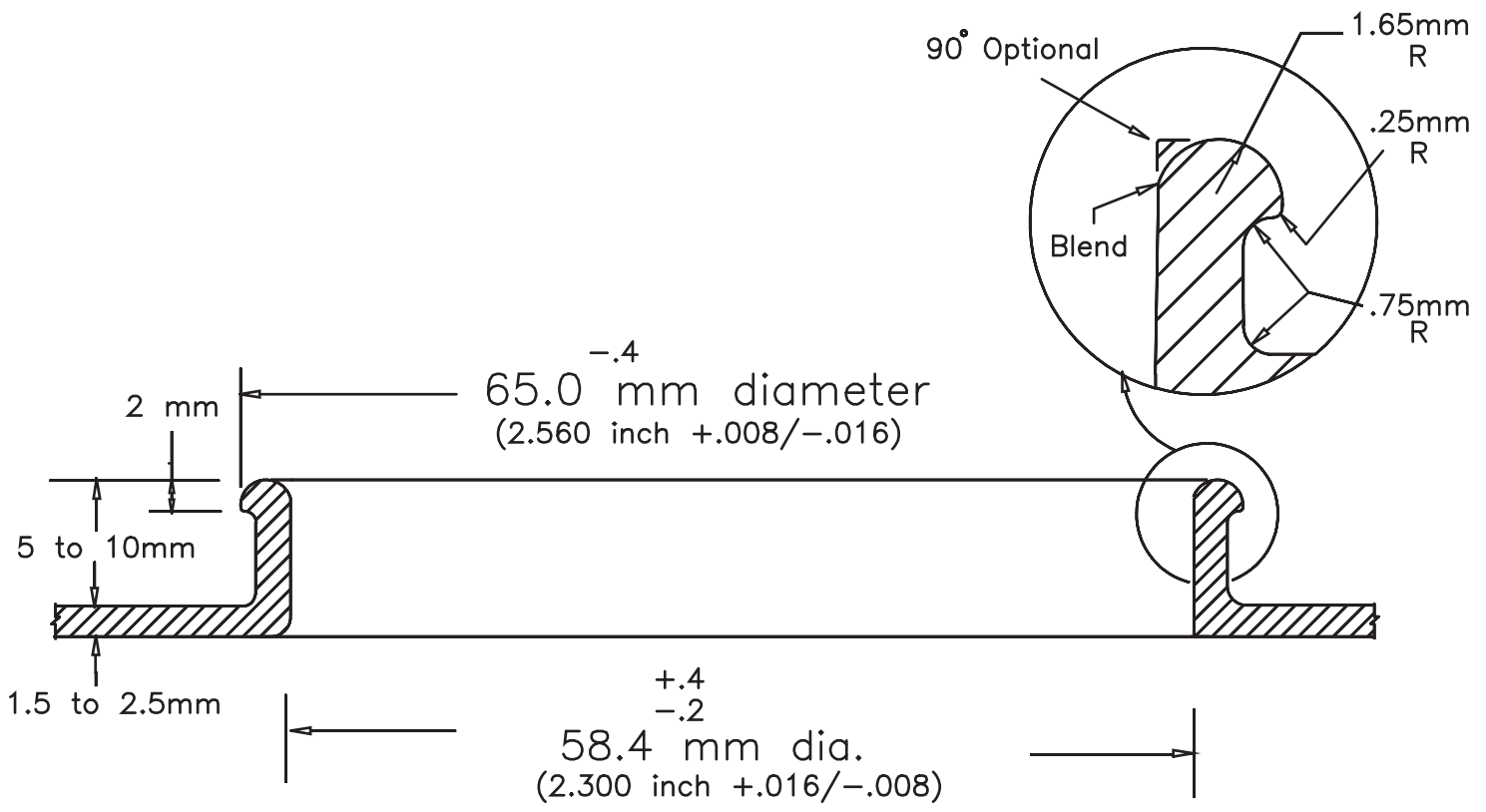
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APC-2-AG-MV ANTI GLUG CLOSURE
 WITH MICROPOROUS VENT

REV 0 ISSUED DRAWING
 11-09

EXHIBIT 9-2-AG-MV DRAWN BY R. STURK

SCALE 2:1 DRAWING AD9-2-AG-MV



NOTE: MAXIMUM OVALITY = 2 mm

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REV 3 ISSUED NEW COVER OPENING 7-07 DRAWING	APC-1, APC-2 & APC-4 COVER OPENING
REV 2 INCREASE MAX. OVALITY 1-99 ADDED NOTE ON BEAD HEIGHT	
EXHIBIT 9-2.4 DRAWN BY R. STURK	SCALE 2:1 DRAWING AD9-2.4