



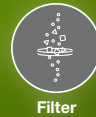
Absorb



Apply



Diffuse



Filter



Vent



Wick

WICKS FOR PLUG-IN INSECTICIDES

Deliver insecticide safely and consistently over time

POREX® engineered insecticide wicks offer a consistent density and pore structure throughout every wick in order to provide the most consistent wicking and diffusion of the insecticide with a high heat resistance up to 180°C. Wicks are compatible with water, solvent, and oil-based formulas. The porous nature of the wick prevents it from clogging prematurely and ensures the longest-lasting formulation release for increased consumer safety.

Long-lasting, consistent release over time without clogging or leaking

- Engineered pore size and density for better flow-through of insecticide
- Wicking rates and longevity can be customized
- No clogging before end of formulation

Optimized structure for automated processes & transport

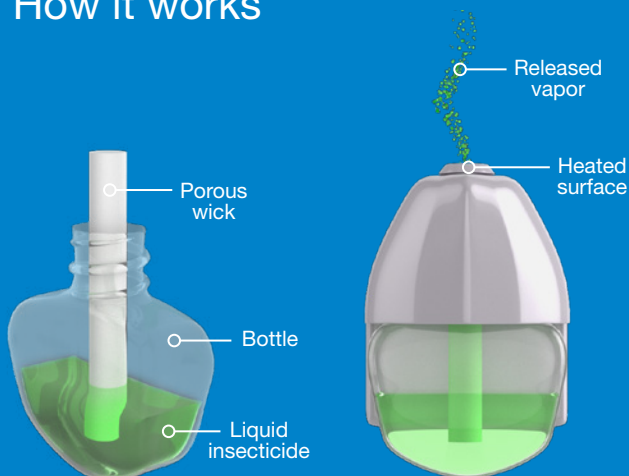
- Fiber and sintered structure does not break during transport or handling
- Customizable structure for stiffness needed for automation to avoid breakage
- Quality manufacturing that ensures products are consistently within customer specifications

Customizable material options including sustainability and childproof packaging

- Multiple material and technology options to develop the best wick for each formulation
- Childproof fragrance wick product on market for over 20 years with no incidents
- Sustainable options include use of recycled plastic

Wicks for Plug-In Insecticides

How it works



Insecticide Sample Kit Wick Overview

Sample ID #	Description	Technology	Material	Sustainable development available	Wick measurements (diameter x length x density) in mm	Material temp*	Release	Emanation profile	Wick Color
108234	Sintered Plastic Wick Safety Collar	Sintered Particle	PP 125 micron 40% pore volume	Not yet available	Dia 6.5 x L 70 (Collar 8.3 dia x 12.8 length)	125 C	Universal release sintered Multi-directional	Constant	Multi (in kit white)
S013128	Fiber Wick Top Release	Fiber with wrap	Polyester filaments (PET) with Nylon film wrap (non-porous)	100% post-consumer	Dia 7.25 x L 73 Density 0.1	140 C	Top release Unidirectional	Constant	Off white; colored wrap (in kit white)
S008330	Fiber Wick Universal Release	Fiber	PET/PA	Sustainable R&D available	Dia 7.38 x L 82.35 Density 0.40	180 C	Universal release fiber Multi-directional	Can Taper down	Multi (in kit black)

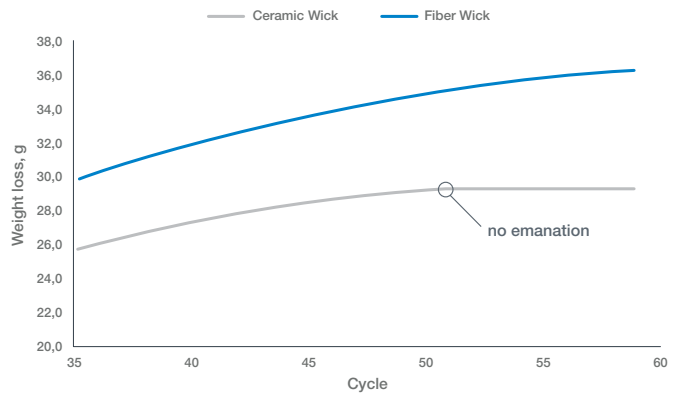
Insecticide formulation & heater designs strongly impact the release rate. Porex engineering will test your formulation and heater system to suggest best wick fit.



Request a free **Insecticide Wick sample kit** containing all three of these wicks

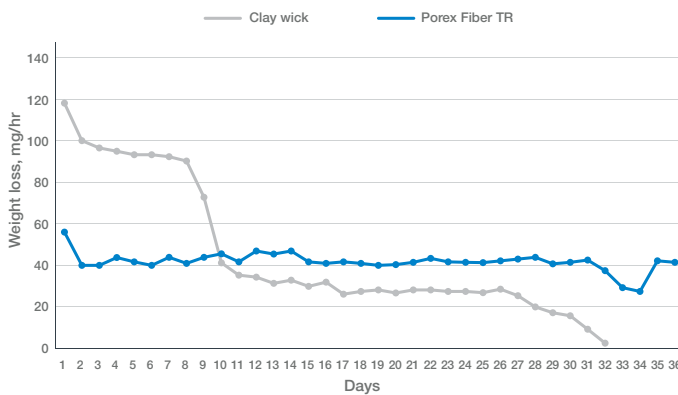
Sustainability: Talk to us about sustainable options using recycled plastic

Comparison of fiber and ceramic wick emanation over time



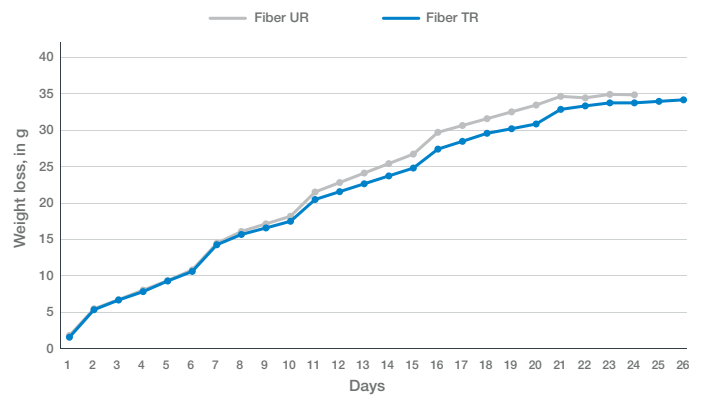
POREX® fiber wick has a higher release over time and lasts longer than a ceramic wick.

Comparison of fiber and clay wick over time



POREX fiber wick with top release controls the release over time and lasts longer than a clay wick.

Comparison of two types of fiber wicks



POREX top-release wicks can be a good alternative to our universal-release fiber wicks. Release rate of top-release wicks can be slightly less but will continue for several more days. Both wicks release at a very consistent level over time.

Insecticide formulation & heater designs strongly impact the release rate. Porex engineering will test your formulation and heater system to suggest best wick fit.

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