

# WHEATON®

## PREMIUM SCINTILLATION VIALS



8221 East FM 917 • Alvarado, TX 76009 • Phone:(800)369-5524 • Fax:(817)783-3571  
[www.foxscientific.com](http://www.foxscientific.com) • [sales@foxscientific.com](mailto:sales@foxscientific.com)



**DWK LIFE SCIENCES**  
DURAN WHEATON KIMBLE

# Liquid Scintillation Vials



## Select from Glass, HDPE and PET Vials

- Packaged in 5 utility trays with each partition tray holding 100 vials
- Utility trays serve as a way to store your samples
- For additional organization of your vials, use the WHEATON Vial Rack 868806 or M-T Vial File® W228792
- Cases with 1000 vials are packed in a single plastic bag with caps in a separate bag

## Glass

- Made from low potassium borosilicate glass that conforms to USP Type I and ASTM E 438 Type I, Class A requirements
- Background counts are consistent and low, ultraviolet transmission is high

## HDPE

- Made from high density polyethylene with lightweight walls for increased counting efficiency
- Manufactured to precise tolerances to avoid jamming

## PET

- Vials offer low permeability to solvents and minimal background counts
- Clarity of glass with the safety of plastic
- Vials can be safely incinerated; no harmful gas is generated

## Cap Liner Guide

Liner Material	Description	Applications
Foamed Polyethylene (PE Foam)	A one piece, three ply coextruded liner consisting of both foamed and solid LDPE. The foam core is sandwiched with solid clear PE.	General Purpose: Broad applications base. Good chemical resistance to acids, alkalis, solvents, alcohols, oils, household cosmetics and aqueous products. Poor for hydrocarbon solvents. Liner provides tight seal.
Pulp / Metal Foil	Aluminum foil bonded to pulp board.	Good barrier properties and resistance to hydrocarbons, oils, ketones and alcohols. Not good for acids or alkalis.
Polyethylene Cone (PE Cone)	Manufactured from polyethylene (LDPE). The unique cone design provides a wedge type seal that not only seals across the top but also across the inside diameter.	Unique problem solving type of liner. This liner is stress crack resistant and offers superior torque retention and excellent sealing characteristics. It is recommended that this liner be tested prior to use for leak seal.

Note: Closures and liners are designed for a variety of applications. Product performance can vary depending on conditions. It is recommended that proper tests be performed to determine the best liner for the application.



8221 East FM 917 • Alvarado, TX 76009 • Phone:(800)369-5524 • Fax:(817)783-3571  
[www.foxscientific.com](http://www.foxscientific.com) • [sales@foxscientific.com](mailto:sales@foxscientific.com)

## Liquid Scintillation Vials

Cat. No.	Size (mL)	Vial Material	Cap Material	Liner Material	Cap Size	Dia. x H (mm)*	Qty / Case
<b>Caps Attached to Vials</b>							
986540	20	Glass	Polypropylene	Foamed Polyethylene	22-400	28 x 61	500
986541	20	Glass	Polypropylene	Metal Foil / Pulp	22-400	28 x 61	500
986542	20	Glass	Urea	Metal Foil / Cork	22-400	28 x 61	500
986546	20	Glass	Urea	Polyethylene Cone	22-400	28 x 61	500
986548	20	Glass	Urea	Polyethylene Disc	22-400	28 x 61	500
986560	20	Glass	Polypropylene	Foamed Polyethylene	24-400	28 x 61	500
986561	20	Glass	Polypropylene	Metal Foil / Pulp	24-400	28 x 61	500
986562	20	Glass	Urea	Metal Foil / Cork	24-400	28 x 61	500
986568	20	Glass	Urea	Polyethylene Disc	24-400	28 x 61	500
986700	20	HDPE	Polypropylene	Foamed Polyethylene	22-400	27 x 61	500
986701	20	HDPE	Polypropylene	Metal Foil / Pulp	22-400	27 x 61	500
986702	20	HDPE	Urea	Metal Foil / Cork	22-400	27 x 61	500
986704	20	HDPE	Polyethylene	Linerless	22-400	27 x 61	500
986706	20	HDPE	Urea	Polyethylene Cone	22-400	27 x 61	500
986730	20	PET	Polypropylene	Foamed Polyethylene	22-400	27 x 61	500
986731	20	PET	Polypropylene	Metal Foil / Pulp	22-400	27 x 61	500
986732	20	PET	Urea	Metal Foil / Cork	22-400	27 x 61	500
986734	20	PET	Polyethylene	Linerless	22-400	27 x 61	500
986736	20	PET	Urea	Polyethylene Cone	22-400	27 x 61	500
<b>Caps Packaged Separately</b>							
986580	20	Glass	Polypropylene	Foamed Polyethylene	22-400	28 x 61	500
986581	20	Glass	Polypropylene	Metal Foil / Pulp	22-400	28 x 61	500
986582	20	Glass	Urea	Metal Foil / Cork	22-400	28 x 61	500
986586	20	Glass	Urea	Polyethylene Cone	22-400	28 x 61	500
986590	20	Glass	Polypropylene	Foamed Polyethylene	24-400	28 x 61	500
986591	20	Glass	Polypropylene	Metal Foil / Pulp	24-400	28 x 61	500
986710	20	HDPE	Polypropylene	Foamed Polyethylene	22-400	27 x 61	500
986720	20	HDPE	Polypropylene	Foamed Polyethylene	22-400	27 x 61	1000
986711	20	HDPE	Polypropylene	Metal Foil / Pulp	22-400	27 x 61	500
986721	20	HDPE	Polypropylene	Metal Foil / Pulp	22-400	27 x 61	1000
986714	20	HDPE	Polyethylene	Linerless	22-400	27 x 61	500
986724	20	HDPE	Polyethylene	Linerless	22-400	27 x 61	1000
986722	20	HDPE	Urea	Metal Foil / Cork	22-400	27 x 61	1000
986716	20	HDPE	Urea	Polyethylene Cone	22-400	27 x 61	500
986726	20	HDPE	Urea	Polyethylene Cone	22-400	27 x 61	1000
986750	20	PET	Polypropylene	Foamed Polyethylene	22-400	27 x 61	500
986740	20	PET	Polypropylene	Foamed Polyethylene	22-400	27 x 61	1000
986751	20	PET	Polypropylene	Metal Foil / Pulp	22-400	27 x 61	500
986741	20	PET	Polypropylene	Metal Foil / Pulp	22-400	27 x 61	1000
986754	20	PET	Polyethylene	Linerless	22-400	27 x 61	500
986744	20	PET	Polyethylene	Linerless	22-400	27 x 61	1000
986752	20	PET	Urea	Metal Foil / Cork	22-400	27 x 61	500
986742	20	PET	Urea	Metal Foil / Cork	22-400	27 x 61	1000
986756	20	PET	Urea	Polyethylene Cone	22-400	27 x 61	500
986746	20	PET	Urea	Polyethylene Cone	22-400	27 x 61	1000

\*Measurement taken with cap attached.



Excellence in your hands



8221 East FM 917 • Alvarado, TX 76009 • Phone: (800)369-5524 • Fax: (817)783-3571  
www.foxscientific.com • sales@foxscientific.com

Contact us at [DWK.com](http://DWK.com)

© 2021 DWK Life Sciences • The trademarks used are owned by DWK Life Sciences GmbH, DWK Life Sciences LLC or DWK Life Sciences Ltd.