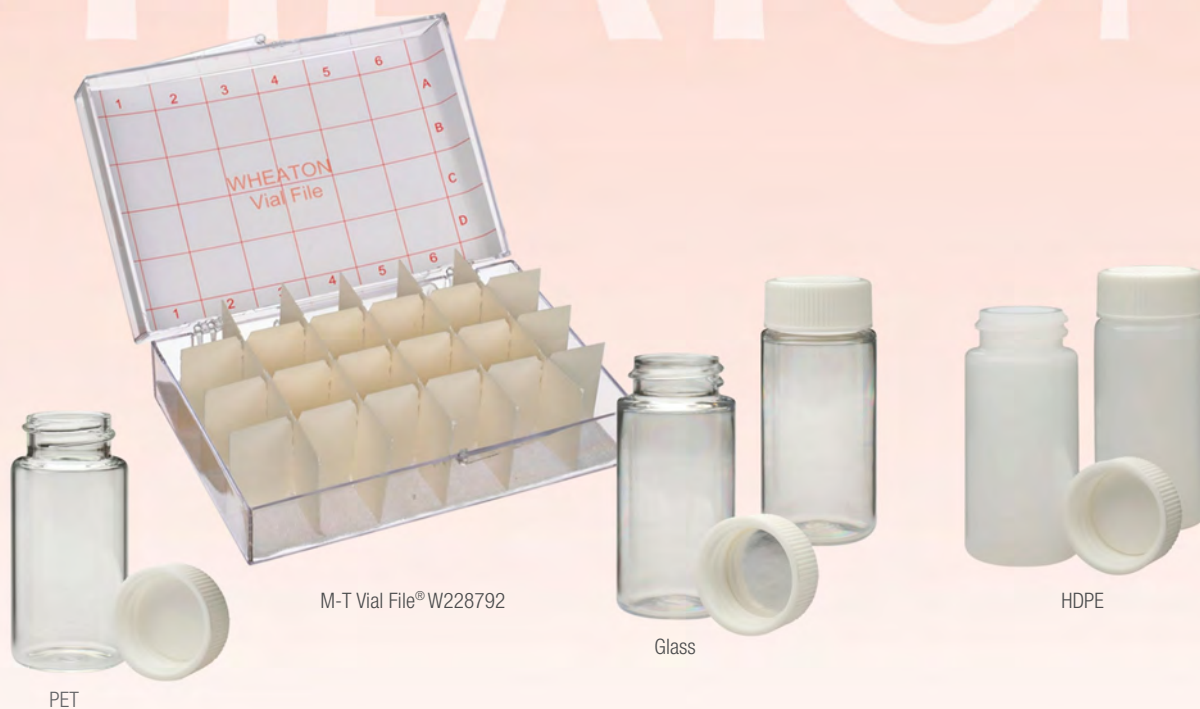


WHEATON



M-T Vial File® W228792

PET

Glass

HDPE

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

Glass

- Made from WHEATON 180 low potassium borosilicate glass that conforms to ASTM E438 Type I, Class A and USP Type I 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.

**Liquid Scintillation Vials (Caps Attached to Vials)**

Cat. No.	Size (mL)	Vial Material	Cap Material	Liner Material	Cap Size	Dia x H (mm)	Qty/Case
986540	20	Glass	Polypropylene	Foamed Polyethylene	22-400	28 x 61	500
986541	20	Glass	Polypropylene	Metal Foil	22-400	28 x 61	500
986542	20	Glass	Urea	Metal Foil	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	24-400	28 x 61	500
986562	20	Glass	Urea	Metal Foil	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	22-400	27 x 61	500
986702	20	HDPE	Urea	Metal Foil	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	22-400	27 x 61	500
986732	20	PET	Urea	Metal Foil	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

**Liquid Scintillation Vials (Caps Packaged Separately)**

Cat. No.	Size (mL)	Vial Material	Cap Material	Liner Material	Cap Size	Dia x H (mm)	Qty/Case
986580	20	Glass	Polypropylene	Foamed Polyethylene	22-400	28 x 61	500
986581	20	Glass	Polypropylene	Metal Foil	22-400	28 x 61	500
986582	20	Glass	Urea	Metal Foil	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	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	22-400	27 x 61	500
986721	20	HDPE	Polypropylene	Metal Foil	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
986712	20	HDPE	Urea	Metal Foil	22-400	27 x 61	500
986722	20	HDPE	Urea	Metal Foil	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	22-400	27 x 61	500
986741	20	PET	Polypropylene	Metal Foil	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	22-400	27 x 61	500
986742	20	PET	Urea	Metal Foil	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

See replacement caps on page 14



Liquid Scintillation Vials (Without Screw Caps)

- Made from WHEATON 180 low potassium borosilicate glass that conforms to ASTM E438 Type I, Class A and USP Type I requirements
- Background counts are consistent and low, ultraviolet transmission is high
- Screw caps can be purchased separately
- Packaged in 5 utility trays with each partitioned tray holding 100 vials each
- 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



Glass



HDPE

Cat. No.	Size (mL)	Vial Material	Cap Size	Dia x H (mm)	Qty/Case
986532	20	Glass	22-400	28 x 57	500

Liquid Scintillation Vial Screw Caps

- Screw caps for WHEATON Liquid Scintillation Vials
- Use as replacement caps or for vials that are not provided with caps
- Choose the right size screw cap for your vial (15-425, 22-400 or 24-400)
- Select cap and liner material for your application



Cat. No.	Cap Size	Cap Material	Liner Material	Qty/Case
241009	15-425	Urea	Metal Foil	1000
240804	22-400	Polypropylene	Metal Foil	1000
241317	22-400	Polyethylene	Linerless	1000
240817	22-400	Urea	Polyethylene Disc	1000
240917	22-400	Urea	Polyethylene Cone	1000
241017	22-400	Urea	Metal Foil	1000
240805	24-400	Polypropylene	Metal Foil	1000
241018	24-400	Urea	Metal Foil	1000
240818	24-400	Urea	Polyethylene Disc	1000

**Omni-Vial®, Polypropylene**

- 4mL polypropylene vial for wide variety of lab applications
- Press-fit cap made from polypropylene
- Vials and caps are packed separately in two polybags containing 500 each
- Vial can be autoclaved for 15 minutes at 121°C at 15 psi

Cat. No.	Size (mL)	Vial & Cap Material	Liner Material	Dia x H (mm)	Qty/Case
225402	4	Polypropylene	Linerless	13 x 57	500

Sample® Vials

- Select from glass or HDPE
- Glass vials made from WHEATON 180 low potassium borosilicate glass that conforms to ASTM E438 Type I, Class A and USP Type I requirements
- Background counts are consistent and low in glass vials; ultraviolet transmission is high
- HDPE vials are economical choice for scintillation counting
- Caps packaged separately
- For additional organization of your vials use the WHEATON Vial Rack 868810

Cat. No.	Size (mL)	Vial Material	Cap Material	Liner Material	Cap Size	Dia x H (mm)	Qty/Case
986491	6	Glass	Urea	Metal Foil	13-425	17 x 58	1000
986492	6	Glass	Urea	Metal Foil	15-425	17 x 58	1000
986644	6	HDPE	Polypropylene	Linerless	18mm	17 x 57	1000
986645	6	HDPE	Polypropylene	Linerless	18mm	17 x 57	2000



Quarter Turn Cap



Quarter Turn Hanging Cap



Hanging Cap Sample with 20mL Vial

Scintillation Vial, HDPE

- 6mL vial made from high density polyethylene
- Hanging cap allows for suspending vial in 20mL vial with 22mm neck finish
- Dimensions with cap attached: 17mm x 57mm
- For additional organization of your vials use the WHEATON Vial Rack 868810

Cat. No.	Size (mL)	Cap Type	Cap Material	Liner Material	Qty/Case
225414	6	Quarter Turn	Polypropylene	Linerless	1000
225415	6	Quarter Turn Hanging Style	Polypropylene	Linerless	1000