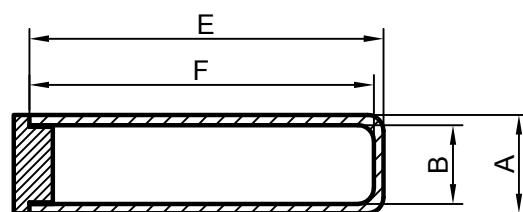
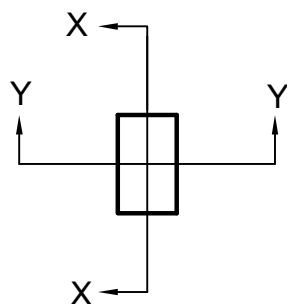
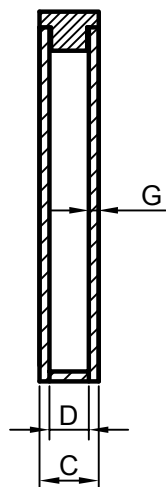


100-22027730

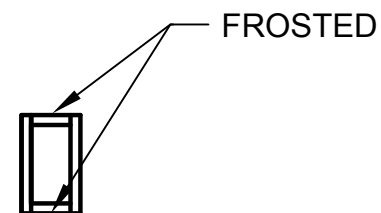
Description	MEL Number	Sample vol μl	Quantity(PCS) per pack	Pack per case	Cover Type	Path length mm	Material	A	B	C	D	E	F	G	Sides Color
Absorption Quartz cuvettes with flat lid and round bottom	VWRI634-1196	350	1	8	Flat PTFE LID	1	Quartz Glass	12.5±0.1	10±0.2	3.5±0.1	1±0.03	45±0.5	43.5±0.5	1.25	2 Frosted Sides
	VWRI634-1197	700	1	8	Flat PTFE LID	2	Quartz Glass	12.5±0.1	10±0.2	4.5±0.1	2±0.03	45±0.5	43.5±0.5	1.25	2 Frosted Sides
	VWRI634-1198	1750	1	8	Flat PTFE LID	5	Quartz Glass	12.5±0.1	10±0.2	7.5±0.1	5±0.03	45±0.5	43.5±0.5	1.25	2 Frosted Sides
	VWRI634-1199	3500	1	8	Flat PTFE LID	10	Quartz Glass	12.5±0.1	10±0.2	12.5±0.1	10±0.03	45±0.5	43.5±0.5	1.25	2 Frosted Sides
	VWRI634-1200	3500	2	8	Flat PTFE LID	10	Quartz Glass	12.5±0.1	10±0.2	12.5±0.1	10±0.03	45±0.5	43.5±0.5	1.25	2 Frosted Sides
	VWRI634-1201	7000	1	8	Flat PTFE LID	20	Quartz Glass	12.5±0.1	10±0.2	22.5±0.1	20±0.03	45±0.5	43.5±0.5	1.25	2 Frosted Sides
	VWRI634-1202	14000	1	8	Flat PTFE LID	40	Quartz Glass	12.5±0.1	9.5±0.2	42.5±0.1	40±0.05	45±0.5	43.5±0.5	1.25	2 Frosted Sides
	VWRI634-1203	17500	1	8	Flat PTFE LID	50	Quartz Glass	12.5±0.1	9.5±0.2	52.5±0.1	50±0.05	45±0.5	43.5±0.5	1.25	2 Frosted Sides
	VWRI634-1204	35000	1	4	Flat PTFE LID	100	Quartz Glass	12.5±0.1	9.5±0.2	102.5±0.1	100±0.05	45±0.5	43.5±0.5	1.25	2 Frosted Sides



SECTION X - X



SECTION Y - Y



FROSTED

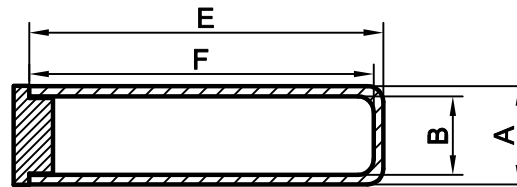
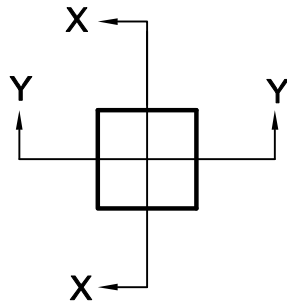
Notes:

- Product data: see product data table
- Product standard: Q/320282AAE001-2020
- Matched cells exhibit a transmission tolerance within 0.5% at 200nm
- Transmission: > 80% (at 200nm)
- Label: comply with VWR label guideline-issued separately
- Carton box: comply with VWR packing requirements-issue separately
- Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)
 - Box is damaged,punctured and not usable
 - Cuvettes appear dirty or damaged
 - Label or printing on label missing, illegible or incorrect
 - Transmission doesn't meet spec.
 - Dimension is out of tolerance
- First Article Report required on new product.
- Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
- Must be manufactured at supplier's premises condition and not from 3rd party

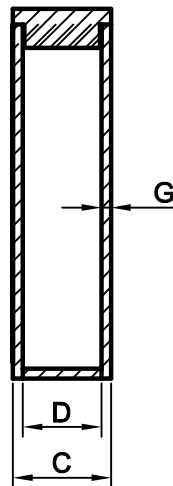
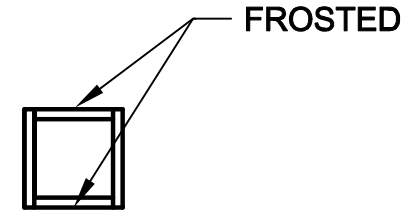
MARK		ECO NO.		ZONE		EDITED	DATE	APPD	DATE	REV
APPROVALS		BY	DATE	THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY) INFORMATION AND MAY NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART NOR PUT ON CIRCULATIONS WITHOUT THE EXPRESS WRITTEN PERMISSION OF VWR INTERNATIONAL, INC UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS DIMENSIONS X ± 0.5 (XX ± 0.25) - DIMENSIONS ARE IN MM UNLESS XX ± 0.25 (XXX ± 0.1) - SURFACES FINISHES TO BE XXX ± 0.2 (XXXX ± 0.05) - DENOTES CHANGE TO BE ANGLES X ± 1° (XX ± 0.5°) - WORKMANSHIP SHALL BE THE XX ± 0.5° BEST COMMERCIAL QUALITY FINISH: N/A		PROJ.  DESCRIPTION: Absorption Quartz cuvettes with flat lid and round bottom VWR P/N CELL2022-001 REV. A0 SIZE: A3 REFERENCE DRAWING NO. SCALE: N/A MATERIAL: WEIGHT: SHEET 1 OF 1				
DRAWN		8-Apr-2022								
DESIGN										
MFG										
CHECKED										
APPROVED										

200-22027730

Description	MEL Number	Sample vol μl	Quantity(PCS) per pack	Pack per case	Cover Type	Path length mm	Material	A	B	C	D	E	F	G	Sides Color
Absorption optical cuvettes with flat lid and round bottom	VWRI634-1205	3500	1	8	Flat PTFE LID	10	Optical Glass	12.5±0.1	10±0.2	12.5±0.1	10±0.03	45±0.5	43.5±0.5	1.25	2 Frosted Sides
	VWRI634-1206	3500	2	8	Flat PTFE LID	10	Optical Glass	12.5±0.1	10±0.2	12.5±0.1	10±0.03	45±0.5	43.5±0.5	1.25	2 Frosted Sides
	VWRI634-1207	7000	1	8	Flat PTFE LID	20	Optical Glass	12.5±0.1	10±0.2	22.5±0.1	20±0.03	45±0.5	43.5±0.5	1.25	2 Frosted Sides
	VWRI634-1208	14000	1	8	Flat PTFE LID	40	Optical Glass	12.5±0.1	9.5±0.2	42.5±0.1	40±0.05	45±0.5	43.5±0.5	1.25	2 Frosted Sides
	VWRI634-1209	17500	1	8	Flat PTFE LID	50	Optical Glass	12.5±0.1	9.5±0.2	52.5±0.1	50±0.05	45±0.5	43.5±0.5	1.25	2 Frosted Sides
	VWRI634-1210	35000	1	4	Flat PTFE LID	100	Optical Glass	12.5±0.1	9.5±0.2	102.5±0.1	100±0.05	45±0.5	43.5±0.5	1.25	2 Frosted Sides



SECTION X - X



SECTION Y - Y

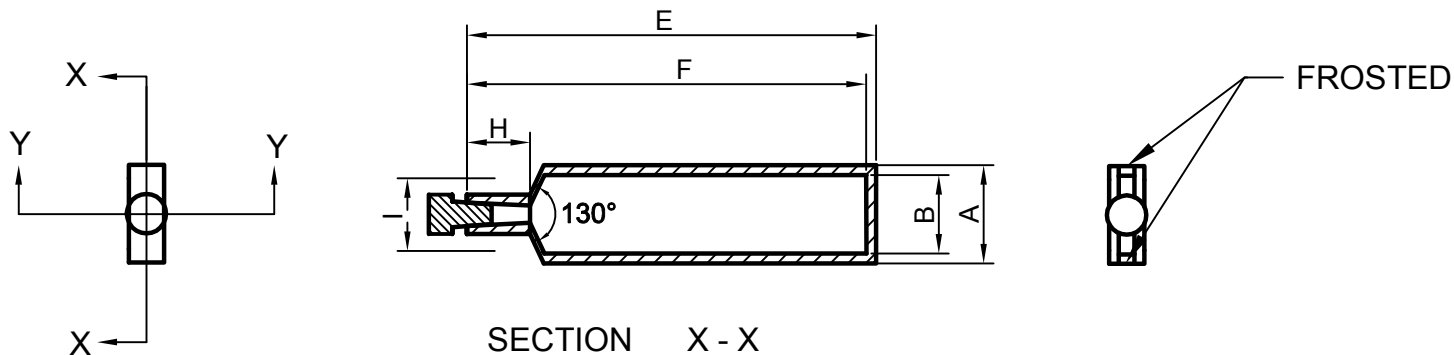
Notes:

- Product data: see product data table
- Product standard: Q/320282AAE001-2020
- Matched cells exhibit a transmission tolerance within 0.5% at 360nm
- Transmission: > 80% (at 360nm)
- Label: comply with VWR label guideline-issued separately
- Carton box: comply with VWR packing requirements-issue separately
- Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)
 - Box is damaged,punctured and not usable
 - Cuvettes appear dirty or damaged
 - Label or printing on label missing, illegible or incorrect
 - Transmission doesn't meet spec.
 - Dimension is out of tolerance
- First Article Report required on new product.
- Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
- Must be manufactured at supplier's premises condition and not from 3rd party

MARK	ECO NO.		ZONE	EDITED	DATE	APPD	DATE	REV
APPROVALS	BY	DATE	THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND MAY NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART NOR PUT ON CIRCULATIONS WITHOUT THE EXPRESS WRITTEN PERMISSION OF VWR INTERNATIONAL, INC.					
DRAWN		8-Apr-2022						
DESIGN			UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS DIMENSIONS X ± 0.5 (XXX ± 0.02) XX ± 0.25 (XXX ± 0.01) XXX ± 0.2 (XXX ± 0.05) ANGLES X ± 1° XX ± 5°					
MFG								
CHECKED			- DIMENSIONS ARE IN MM UNLESS - SURFACES FINISH TO BE - DENOTES CHANGE - WORKMANSHIP SHALL BE THE BEST COMMERCIAL QUALITY					
APPROVED								
FINISH: N/A			DESCRIPTION: Absorption optical cuvettes with flat lid and round bottom					
			VWR P/N		REV. A0		SIZE: A3	
			REFERENCE DRAWING NO.				SCALE: N/A	
			MATERIAL:		WEIGHT:		SHEET 1 OF 1	

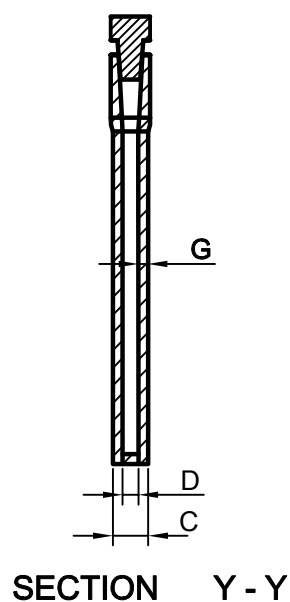
CELL2022-003

Description	MEL Number	Sample vol μl	Quantity(PCS) per pack	Pack per case	Cover Type	Path length mm	Material	A	B	C	D	E	F	G	H	I	Sides Color
Absorption quartz cuvettes with Teflon stopper and flat bottom	VWRI634-1211	350	1	8	PTFE stopper	1	Quartz Glass	12.5±0.1	10±0.2	3.5±0.1	1±0.03	52±0.5	50.5±0.5	1.25	8	Ø3±0.5	2 Frosted Sides
	VWRI634-1212	700	1	8	PTFE stopper	2	Quartz Glass	12.5±0.1	10±0.2	4.5±0.1	2±0.03	52±0.5	50.5±0.5	1.25	8	Ø3±0.5	2 Frosted Sides



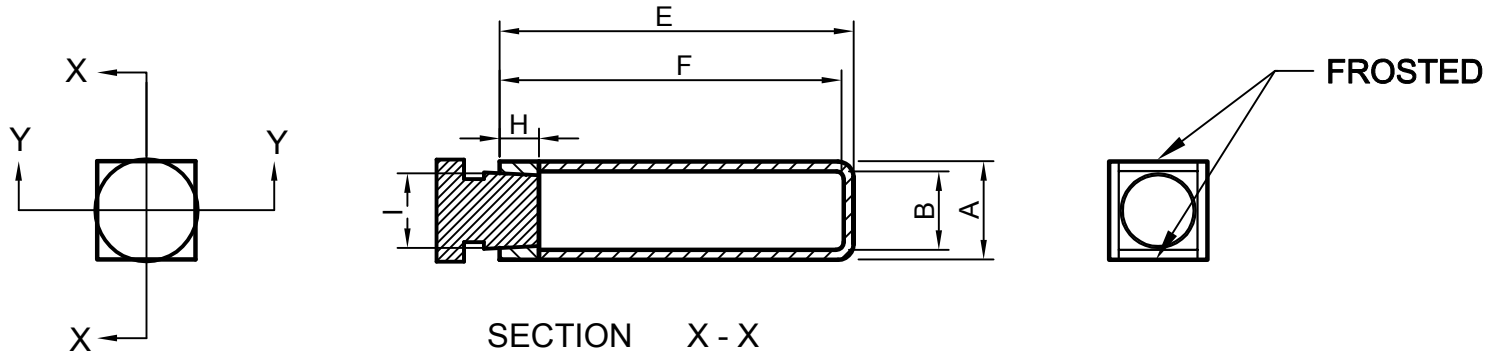
Notes:

- Product data: see product data table
- Product standard: Q/320282AAE001-2020
- Transmission: > 80% (at 200nm)
- Label: comply with VWR label guideline-issued separately
- Carton box: comply with VWR packing requirements-issue separately
- Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)
 - Box is damaged,punctured and not usable
 - Cuvettes appear dirty or damaged
 - Label or printing on label missing, illegible or incorrect
 - Transmission doesn't meet spec.
 - Dimension is out of tolerance
- First Article Report required on new product.
- Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
- Must be manufactured at supplier's premises condition and not from 3rd party

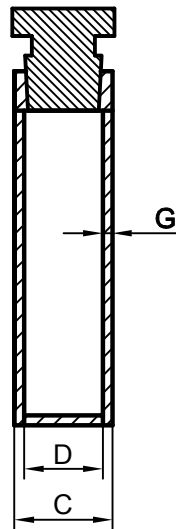


MARK	ECO NO.		ZONE	EDITED	DATE	APPD	DATE	REV
APPROVALS	BY	DATE	THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND MAY NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART NOR PUT ON CIRCULATIONS WITHOUT THE EXPRESS WRITTEN PERMISSION OF VWR INTERNATIONAL, INC.					
DRAWN		8-Apr-2022						
DESIGN			UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS DIMENSIONS X ± 0.5 DXX ± 0.02 XX ± 0.25 DXXX ± .01 XXX ± 0.2 DXXXX ± .005 ANGLES X ± 1° XX ± .5°					
MFG								
CHECKED			- DIMENSIONS ARE IN MM UNLESS - SURFACES FINISH TO BE $\sqrt{R}$ - DIMENSIONS CHANGE Δ - WORKMANSHIP SHALL BE THE BEST COMMERCIAL QUALITY					
APPROVED								
FINISH: N/A			DESCRIPTION: Absorption quartz cuvettes with Teflon stopper and flat bottom					
			VWR P/N CELL2022-003		REV. A0		SIZE: A3	
			REFERENCE DRAWING NO.				SCALE: N/A	
			MATERIAL:		WEIGHT:		SHEET 1 OF 1	

Description	MEL Number	Sample vol μl	Quantity(PCS) per pack	Pack per case	Cover Type	Path length mm	Material	A	B	C	D	E	F	G	H	I	Sides Color
Absorption quartz cuvettes with Teflon stopper and round bottom	VWRI634-1213	1750	1	8	PTFE stopper	5	Quartz Glass	12.5±0.1	10±0.2	7.5±0.1	5±0.03	45±0.5	43.5±0.5	1.25	5	Ø4.5±0.5	2 Frosted Sides
	VWRI634-1214	3500	1	8	PTFE stopper	10	Quartz Glass	12.5±0.1	10±0.2	12.5±0.1	10±0.03	45±0.5	43.5±0.5	1.25	5	Ø9.5±0.5	2 Frosted Sides
	VWRI634-1215	7000	1	8	PTFE stopper	20	Quartz Glass	12.5±0.1	10±0.2	22.5±0.1	20±0.03	45±0.5	43.5±0.5	1.25	5	Ø9.5±0.5	2 Frosted Sides



SECTION X - X



SECTION Y - Y

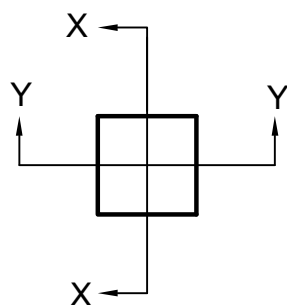
Notes:

- Product data: see product data table
- Product standard: Q/320282AAE001-2020
- Transmission: > 80% (at 200nm)
- Label: comply with VWR label guideline-issued separately
- Carton box: comply with VWR packing requirements-issue separately
- Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)
 - Box is damaged,punctured and not usable
 - Cuvettes appear dirty or damaged
 - Label or printing on label missing, illegible or incorrect
 - Transmission doesn't meet spec.
 - Dimension is out of tolerance
- First Article Report required on new product.
- Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
- Must be manufactured at supplier's premises condition and not from 3rd party

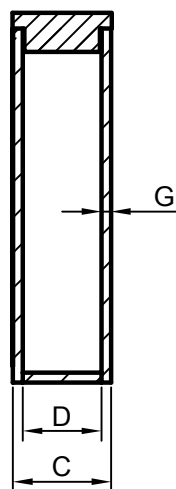
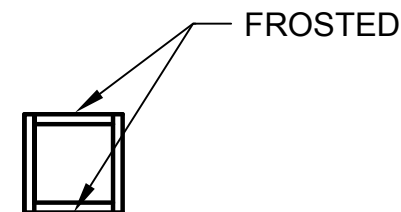
MARK	ECO NO.		ZONE	EDITED	DATE	APPD	DATE	REV
APPROVALS	BY	DATE	THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND MAY NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART NOR PUT ON CIRCULATIONS WITHOUT THE EXPRESS WRITTEN PERMISSION OF VWR INTERNATIONAL, INC.					
DRAWN		8-Apr-2022						
DESIGN			UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS DIMENSIONS X ± 0.5 DXX ± 0.02 XX ± 0.25 DXXX ± .01 XXX ± 0.12 DXXXX ± .005 ANGLES X ± 1° XX ± .5°					
MFG								
CHECKED			- DIMENSIONS ARE IN MM UNLESS - SURFACES FINISH TO BE $\sqrt{R}$ - DENOTES CHANGE Δ - WORKMANSHIP SHALL BE THE BEST COMMERCIAL QUALITY					
APPROVED								
FINISH: N/A			DESCRIPTION: Absorption quartz cuvettes with Teflon stopper and round bottom					
			VWR P/N: CELL2022-004 REV: A0 SIZE: A3					
			REFERENCE: DRAWING NO. SCALE: N/A					
			MATERIAL: WEIGHT: SHEET 1 OF 1					

CELL2022-005

Description	MEL Number	Sample vol μl	Quantity(PCS) per pack	Pack per case	Cover Type	Path length mm	Material	A	B	C	D	E	F	G	Transmission	Sides Color
Absorption cuvettes with flat lid and flat bottom	VWRI634-1216	3500	1	8	Flat PTFE LID	10	Optical Glass	12.5±0.1	10±0.2	12.5±0.1	10±0.03	45±0.5	43.5±0.5	1.25	360nm> 80%	2 Frosted Sides
	VWRI634-1217	7000	1	8	Flat PTFE LID	20	Optical Glass	12.5±0.1	10±0.2	22.5±0.1	20±0.03	45±0.5	43.5±0.5	1.25	360nm> 80%	2 Frosted Sides
	VWRI634-1218	17500	1	8	Flat PTFE LID	50	Optical Glass	12.5±0.1	9.5±0.2	52.5±0.1	50±0.05	45±0.5	43.5±0.5	1.25	360nm> 80%	2 Frosted Sides
	VWRI634-1219	3500	1	8	Flat PTFE LID	10	Quartz Glass	12.5±0.1	10±0.2	12.5±0.1	10±0.03	45±0.5	43.5±0.5	1.25	200nm> 80%	2 Frosted Sides



SECTION X - X



SECTION Y - Y

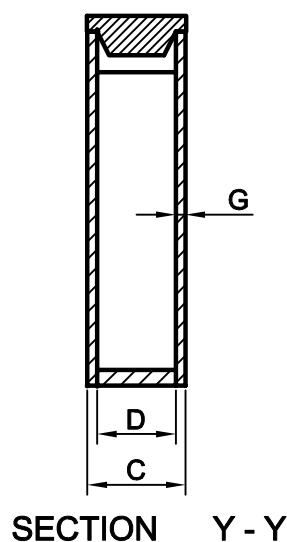
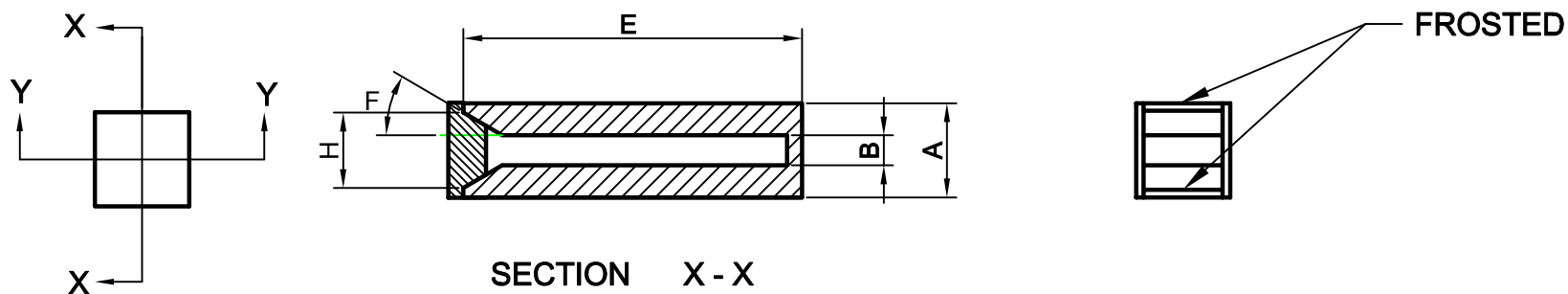
Notes:

- 1.Product data: see product data table
- 2.Product standard: Q/320282AAE001-2020
- 3.Label: comply with VWR label guideline-issued separately
- 4.Cartoon box: comply with VWR packing requirements-issue separately
- 5.Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)
 - a. Box is damaged,punctured and not usable
 - b. Cuvettes appear dirty or damaged
 - c. Label or printing on label missing, illegible or incorrect
 - d. Transmission doesn't meet spec.
 - e. Dimension is out of tolerance
- 6.First Article Report required on new product.
7. Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
8. Must be manufactured at supplier's premises condition and not from 3rd party

MARK	ECO NO.		ZONE	EDITED	DATE	APPD	DATE	REV
APPROVALS	BY	DATE	THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY) INFORMATION AND MAY NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART NOR PUT ON CIRCULATIONS WITHOUT THE EXPRESS WRITTEN PERMISSION OF VWR INTERNATIONAL, INC UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS DIMENSIONS X ± 0.5 DXX ± 0.02 XX ± 0.25 DXXX ± 0.01 XXX ± 0.12 DXXXX ± 0.005 ANGLES X ± 1° XX ± 0° - DIMENSIONS ARE IN MM UNLESS - SURFACES FINISH TO BE - DENOTES CHANGE Δ - WORKMANSHIP SHALL BE THE - BEST COMMERCIAL QUALITY					
DRAWN		8-Apr-2022						
DESIGN								
MFG								
CHECKED								
APPROVED			DESCRIPTION: Absorption cuvettes with flat lid and flat bottom VWR P/N CELL2022-005 REV. A0 SIZE: A3 REFERENCE DRAWING NO. SCALE: N/A MATERIAL: WEIGHT: SHEET 1 OF 1					

900-22027730

Description	MEL Number	Sample vol μl	Quantity(PCS) per pack	Pack per case	Cover Type	Path length mm	Material	A	B	C	D	E	F	G	Sides Color
Micro cuvettes with flat lid and flat bottom	VWRI634-1220	1000	1	8	Flat PTFE LID	10	Quartz Glass	12.5±0.1	3±0.2	12.5±0.1	10±0.03	45±0.5	30°	1.25	2 Frosted Sides
	VWRI634-1221	1400	1	8	Flat PTFE LID	10	Quartz Glass	12.5±0.1	4±0.2	12.5±0.1	10±0.03	45±0.5	30°	1.25	2 Frosted Sides
	VWRI634-1222	7000	1	8	Flat PTFE LID	50	Quartz Glass	12.5±0.1	4±0.2	52.5±0.1	50±0.05	45±0.5	30°	1.25	2 Frosted Sides



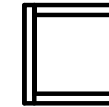
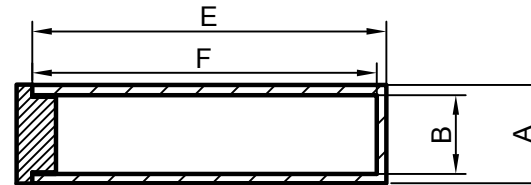
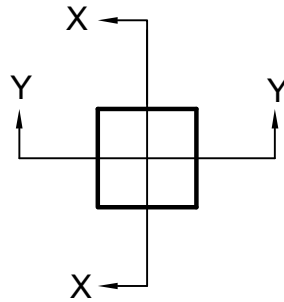
Notes:

- 1.Product data: see product data table
- 2.Product standard: Q/320282AAE001-2020
- 3.Transmission: > 80% (at 200nm)
- 4.Label: comply with VWR label guideline-issued separately
- 5.Carton box: comply with VWR packing requirements-issue separately
- 6.Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)
 - a. Box is damaged,punctured and not usable
 - b. Cuvettes appear dirty or damaged
 - c. Label or printing on label missing, illegible or incorrect
 - d. Transmission doesn't meet spec.
 - e. Dimension is out of tolerance
7. First Article Report required on new product.
8. Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
9. Must be manufactured at supplier's premises condition and not from 3rd party

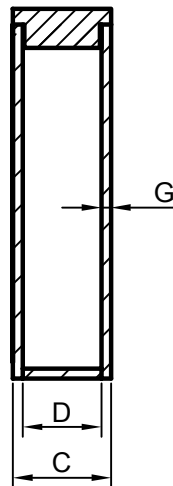
MARK	ECO NO.		ZONE	EDITED	DATE	APPD	DATE	REV
APPROVALS	BY	DATE	THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETY) INFORMATION AND MAY NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART NOR PUT ON CIRCULATIONS WITHOUT THE EXPRESS WRITTEN PERMISSION OF VWR INTERNATIONAL, INC.					
DRAWN		8-Apr-2022						
DESIGN			UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS DIMENSIONS X ± 0.5 DXX ± 0.02 - DIMENSIONS ARE IN MM UNLESS XX ± 0.25 DXXX ± 0.01 - SURFACES FINISH TO BE $\sqrt{}$ XXX ± 0.2 DXXXX ± 0.05 - DENOTES CHANGE Δ ANGLES X ± 1° - WORKMANSHIP SHALL BE THE XX ± 5° BEST COMMERCIAL QUALITY					
MFG								
CHECKED			FINISH: N/A					
APPROVED								
			VWR P/N		REV. A0		SIZE: A3	
			REFERENCE DRAWING NO.				SCALE: N/A	
			MATERIAL:		WEIGHT:		SHEET 1 OF 1	

CELL2022-007

Description	MEL Number	Sample vol μl	Quantity(PCS) per pack	Pack per case	Cover Type	Path length mm	Material	A	B	C	D	E	F	G	Sides Color
Fluorometer cuvettes with flat lid and flat bottom	VWRI634-1223	3500	1	8	Flat PTFE LID	10	Quartz Glass	12.5±0.1	10±0.03	12.5±0.1	10±0.03	45±0.5	43.5±0.5	1.25	4 Polished Sides
	VWRI634-1224	7000	1	8	Flat PTFE LID	20	Quartz Glass	12.5±0.1	10±0.03	22.5±0.1	20±0.03	45±0.5	43.5±0.5	1.25	4 Polished Sides



SECTION X - X



SECTION Y - Y

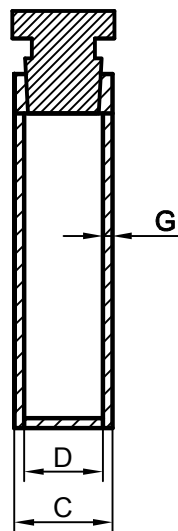
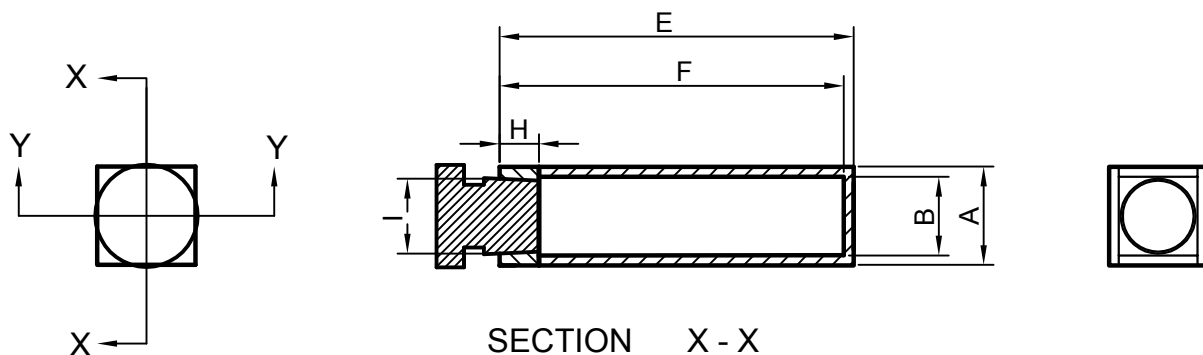
Notes:

- Product data: see product data table
- Product standard: Q/320282AAE001-2020
- Transmission: > 80% (at 200nm)
- Label: comply with VWR label guideline-issued separately
- Carton box: comply with VWR packing requirements-issue separately
- Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)
 - Box is damaged,punctured and not usable
 - Cuvettes appear dirty or damaged
 - Label or printing on label missing, illegible or incorrect
 - Transmission doesn't meet spec.
 - Dimension is out of tolerance
- First Article Report required on new product.
- Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
- Must be manufactured at supplier's premises condition and not from 3rd party

MARK	ECO NO.		ZONE	EDITED	DATE	APPD	DATE	REV
APPROVALS	BY	DATE	THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETY) INFORMATION AND MAY NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART NOR PUT ON CIRCULATIONS WITHOUT THE EXPRESS WRITTEN PERMISSION OF VWR INTERNATIONAL, INC. UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS DECIMALS X ± 0.5 XXX ± 0.02 - DIMENSIONS ARE IN MM UNLESS XXX ± 0.25 XXXX ± 0.01 - SURFACES FINISHES TO BE  XXXX ± 0.2 XXXX ± 0.05 - DENOTES CHANGE: Δ ANGLES X ± 1° - WORKMANSHIP SHALL BE THE XX ± 5° BEST COMMERCIAL QUALITY					
DRAWN		8-Apr-2022						
DESIGN								
MFG								
CHECKED			DESCRIPTION: Fluorometer cuvettes with flat lid and flat bottom					
APPROVED			VWR P/N CELL2022-007					
			REFERENCE DRAWING NO.					
			MATERIAL:					
			WEIGHT:					
			SHEET 1 OF 1					

800-22027730

Description	MEL Number	Sample vol μl	Quantity(PCS) per pack	Pack per case	Cover Type	Path length mm	Material	A	B	C	D	E	F	G	H	I	Sides Color
Fluorometer cuvettes with Teflon stopper and flat bottom	VWRI634-1225	3500	1	8	PTFE stopper	10	Quartz Glass	12.5±0.1	10±0.03	12.5±0.1	10±0.03	45±0.5	43.5±0.5	1.25	5	Ø9.5±0.5	4 Polished Sides

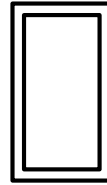
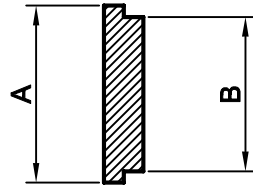
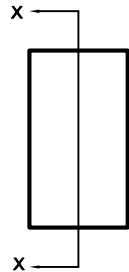


SECTION Y - Y

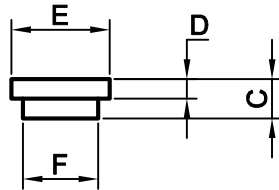
Notes:

- 1.Product data: see product data table
- 2.Product standard: Q/320282AAE001-2020
- 3.Transmission: > 80% (at 200nm)
- 4.Label: comply with VWR label guideline-issued separately
- 5.Carton box: comply with VWR packing requirements-issue separately
- 6.Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)
 - a. Box is damaged,punctured and not usable
 - b. Cuvettes appear dirty or damaged
 - c. Label or printing on label missing, illegible or incorrect
 - d. Transmission doesn't meet spec.
 - e. Dimension is out of tolerance
7. First Article Report required on new product.
8. Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
9. Must be manufactured at supplier's premises condition and not from 3rd party

MARK	ECO NO.		ZONE	EDITED	DATE	APPD	DATE	REV
APPROVALS	BY	DATE	THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY) INFORMATION AND MAY NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART NOR PUT ON CIRCULATIONS WITHOUT THE EXPRESS WRITTEN PERMISSION OF VWR INTERNATIONAL, INC			VWR DESCRIPTION: Fluorometer cuvettes with Teflon stopper and flat bottom		
DRAWN		8-Apr-2022						
DESIGN			UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS DIMENSIONS X ± 0.5 (XXX ± 0.02) XX ± 0.25 (XXX ± 0.01) XXX ± 0.12 (XXX ± 0.005) ANGLES X ± 1° XX ± 5° - DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED - SURFACES FINISH TO BE THE BEST COMMERCIAL QUALITY - DENOTES CHANGE Δ - WORKMANSHIP SHALL BE THE BEST COMMERCIAL QUALITY			VWR P/N CELL2022-008 REV. A0 SIZE: A3 REFERENCE DRAWING NO. SCALE: N/A		
MFG								
CHECKED			FINISH: N/A			MATERIAL: WEIGHT: SHEET 1 OF 1		
APPROVED								



SECTION X - X



Notes:

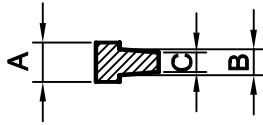
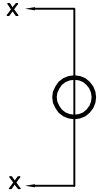
1. Product data: PTFE, WHITE
2. CTQ (critical to quality) are: Dimension A,B,C,D,E,F and material.
3. Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)
 - a. Stopper appear dirty or damaged
 - b. Dimension is out of tolerance
4. First Article Report required on new product.
5. Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
6. Must be manufactured at supplier's premises condition and not from 3rd party.

TABLE OF INFORMATION

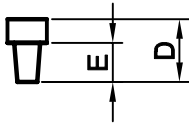
Number	DIMENSION(mm)						Cap Mat'l	Suitable for VWR item
	A	B	C	D	E	F		
PC2022-001-1	3.5±0.2	0.8±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1196
PC2022-001-2	4.5±0.2	1.8±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1197
PC2022-001-5	7.5±0.2	4.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1198
PC2022-001-10	12.5±0.2	9.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1199
PC2022-001-10	12.5±0.2	9.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1200
PC2022-001-20	22.5±0.2	19.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1201
PC2022-001-40	42.5±0.2	39.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1202
PC2022-001-50	52.5±0.2	49.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1203
PC2022-001-100	102.5±0.2	99.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1204
PC2022-001-10	12.5±0.2	9.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1205
PC2022-001-10	12.5±0.2	9.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1206
PC2022-001-20	22.5±0.2	19.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1207
PC2022-001-40	42.5±0.2	39.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1208
PC2022-001-50	52.5±0.2	49.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1209
PC2022-001-100	102.5±0.2	99.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1210
PC2022-001-10	12.5±0.2	9.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1216
PC2022-001-20	22.5±0.2	19.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1217
PC2022-001-50	52.5±0.2	49.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1218
PC2022-001-10	12.5±0.2	9.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1219
PC2022-001-10	12.5±0.2	9.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1223
PC2022-001-20	22.5±0.2	19.6±0.2	5±0.2	2.5±0.2	12.5±0.2	9.6±0.2	PTFE	VWRI634-1224

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APPROVALS	BY	DATE							
DRAWN		10-Apr-2022	UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS DIMENSIONS X ± 0.25 (XXX ± 0.02) - DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED XX ± 0.25 (XXX ± 0.02) - SURFACES FINISH TO BE  XXX ± 0.25 (XXX ± 0.02) - SURFACES FINISH TO BE  ANGLES X ± 1° - DIMENSIONS SHALL BE THE BEST COMMERCIAL QUALITY XX ± 0.25	DESCRIPTION: FLAT PTFE LID					
DESIGN				VWR P/N PC2022-001 REV. A0 SIZE: A3					
MFG				REFERENCE DRAWING NO. SCALE: N/A					
CHECKED				MATERIAL: PTFE, WHITE WEIGHT: 1.0g					
APPROVED				FINISH: N/A					

TABLE OF INFORMATION							
Number	DIMENSION(mm)					Cap Mat'l	Suitable for VWR item
	A	B	C	D	E		
PC2022-002-1	Ø5±0.2	Ø3.3±0.2	Ø2.5±0.2	8±0.2	5±0.2	PTFE	WVRI634-1211
PC2022-002-1	Ø5±0.2	Ø3.3±0.2	Ø2.5±0.2	8±0.2	5±0.2	PTFE	WVRI634-1212



SECTION X - X

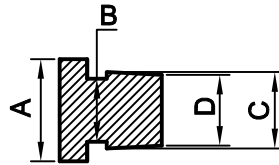
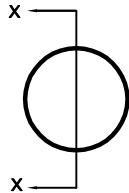


Notes:

1. Product data: PTFE, WHITE
2. CTQ (critical to quality) are: Dimension A,B,C,D,E and material.
3. Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)
 - a. Stopper appear dirty or damaged
 - b. Dimension is out of tolerance
4. First Article Report required on new product.
5. Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
6. Must be manufactured at supplier's premises condition and not from 3rd party.

MARK	ECO NO.		ZONE		EDITED	DATE	APPD	DATE	REV
APPROVALS	BY	DATE	THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETY) INFORMATION AND MAY NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART NOR PUT ON CIRCULATIONS WITHOUT THE EXPRESS WRITTEN PERMISSION OF VWR INTERNATIONAL, INC		PROL 	DESCRIPTION: PTFE STOPPER			
DRAWN		10-Apr-2022							
DESIGN									
MFG									
CHECKED			UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS DECIMALS: XX ± .05 DXX ± .002 - DIMENSIONS ARE IN MM UNLESS XX ± .025 DXXX ± .001 - SURFACES FINISHES TO BE  XXX ± .012 DXXXX ± .005 - DIMENTS CHANGE Δ ANGLES X ± P - WORKMANSHIP SHALL BE THE XX ± 5° BEST COMMERCIAL QUALITY		VWR P/N		REV.	SIZE:	
APPROVED					PC2022-002		A0	A3	
			FINISH: N/A		REFERENCE DRAWING NO.			SCALE: N/A	
					MATERIAL: PTFE,WHITE			WEIGHT:	SHEET 1 OF 1

PC2022-003



SECTION X - X

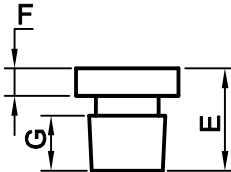


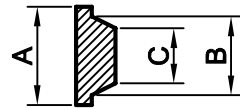
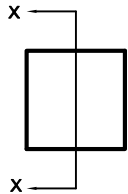
TABLE OF INFORMATION

Number	DIMENSION(mm)							Cap Mat'l	Suitable for VWR item
	A	B	C	D	E	F	G		
PC2022-003-5	Ø8±0.2	Ø4±0.2	Ø5±0.2	Ø4.4±0.2	10±0.2	2.7±0.2	6±0.2	PTFE	VWRI634-1213
PC2022-003-10	Ø13±0.2	Ø8±0.2	Ø9.7±0.2	Ø9±0.2	13±0.2	3.5±0.2	7±0.2	PTFE	VWRI634-1214
PC2022-003-10	Ø13±0.2	Ø8±0.2	Ø9.7±0.2	Ø9±0.2	13±0.2	3.5±0.2	7±0.2	PTFE	VWRI634-1215
PC2022-003-10	Ø13±0.2	Ø8±0.2	Ø9.7±0.2	Ø9±0.2	13±0.2	3.5±0.2	7±0.2	PTFE	VWRI634-1225

Notes:

1. Product data: PTFE,WHITE
2. CTQ (critical to quality) are: Dimension A,B,C,D,E,F,G and material.
3. Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)
 - a. Stopper appear dirty or damaged
 - b. Dimension is out of tolerance
4. First Article Report required on new product.
5. Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
6. Must be manufactured at supplier's premises condition and not from 3rd party.

MARK	ECO NO.		THIS DOCUMENT CONTAINS CONFIDENTIAL AND PROPRIETARY INFORMATION AND MAY NOT BE COPIED OR REPRODUCED IN WHOLE OR IN PART NOR PUT ON CIRCULATIONS WITHOUT THE EXPRESS WRITTEN PERMISSION OF VWR INTERNATIONAL, INC.	ZONE	EDITED	DATE	APPD	DATE	REV
APPROVALS	BY	DATE			DESCRIPTION: PTFE STOPPER				
DRAWN		10-Apr-2022							
DESIGN									
MFG									
CHECKED									
APPROVED									
			FINISH: N/A			MATERIAL: PTFE,WHITE	WEIGHT: 1	SHEET 1 OF 1	



SECTION X - X

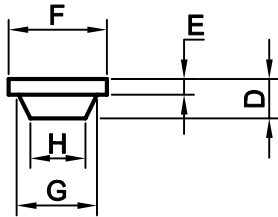
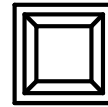


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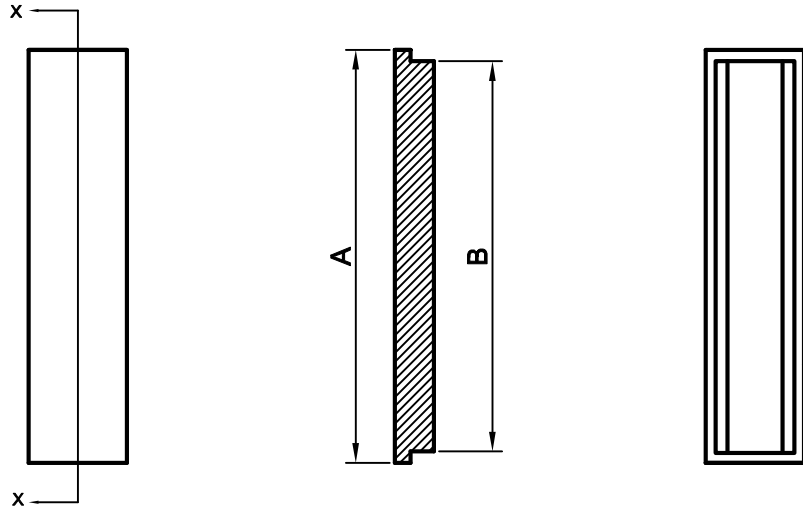
Number	DIMENSION(mm)								Cap Mat'l	Suitable for VWR item
	A	B	C	D	E	F	G	H		
PC2022-004-10	12.5±0.2	9.6±0.2	6.7±0.2	5±0.2	2±0.2	12.5±0.2	9.6±0.2	6.7±0.2	PTFE	VWRI634-1220
PC2022-004-10	12.5±0.2	9.6±0.2	6.7±0.2	5±0.2	2±0.2	12.5±0.2	9.6±0.2	6.7±0.2	PTFE	VWRI634-1221

Notes:

- Product data: PTFE, WHITE
- CTQ (critical to quality) are: Dimension A,B,C,D,E,F,G,H and material.
- Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling (ANSI/ASQC Z1.4-1993)
 - Stopper appear dirty or damaged
 - Dimension is out of tolerance
- First Article Report required on new product.
- Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
- Must be manufactured at supplier's premises condition and not from 3rd party.

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APPROVALS		BY	DATE			DESCRIPTION: FLAT PTFE LID				
DRAWN			10-Apr-2022	UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS DIMENSIONS X ± 0.5 (XXX ± 0.02) XX ± 0.25 (XXX ± 0.01) XXX ± 0.2 (XXX ± 0.005) ANGLES X ± 1° XX ± 5° - DIMENSIONS ARE IN MM UNLESS NOTED OTHERWISE - SURFACES FINISHES TO BE 32 - DENOTES CHANGE Δ - WORKMANSHIP SHALL BE THE BEST COMMERCIAL QUALITY	VWR P/N		PC2022-004		REV. A0	SIZE: A3
DESIGN					REFERENCE DRAWING NO.		SCALE: N/A			
MFG					MATERIAL: PTFE,WHITE		WEIGHT: 1.0 OF 1			
CHECKED					SHEET 1 OF 1					
APPROVED					FINISH: N/A					

PC2022-005



SECTION X - X

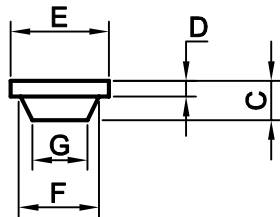


TABLE OF INFORMATION

Number	DIMENSION(mm)							Cap Mat'l	Suitable for VWR item
	A	B	C	D	E	F	G		
PC2022-005-50	52.5±0.2	49.6±0.2	5±0.2	2±0.2	12.5±0.2	9.6±0.2	6.7±0.2	PTFE	VWRI634-1222

Notes:

1. Product data: PTFE,WHITE
2. CTQ (critical to quality) are: Dimension A,B,C,D,E,F,G and material.
3. Major defects: AQL 1.0 per General Inspection Plan Level II, single sampling(ANSI/ASQCZ1.4-1993)
 - a. Stopper appear dirty or damaged
 - b. Dimension is out of tolerance
4. First Article Report required on new product.
5. Supplier is required to inform VWR and obtain approval before any changes to materials or source, process change or manufacturing location change.
6. Must be manufactured at supplier's premises condition and not from 3rd party.

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DRAWN		10-Apr-2022									
DESIGN											
MFG				UNLESS OTHERWISE SPECIFIED TOLERANCES AS FOLLOWS DIMENSIONS X ± 0.5 DXX ± 0.02 XX ± 0.25 DXXX ± .01 XXX ± 0.2 DXXXX ± .005 ANGLES X ± 1° XX ± .5° - DIMENSIONS ARE IN MM UNLESS - SURFACES FINISHES TO BE - DENOTES CHANGE - WORKMANSHIP SHALL BE THE BEST COMMERCIAL QUALITY		VWR P/N		PC2022-005	REV. A0	SIZE: A3	
CHECKED						REFERENCE DRAWING NO.					SCALE: N/A
APPROVED				FINISH: N/A		MATERIAL: PTFE,WHITE		WEIGHT:		SHEET 1 OF 1	