

DB-35ms Ultra Inert

ID (mm)	Length (m)	Film (μm)	Temp Limits (°C)	7 in Cage
<i>0.18</i>	<i>20</i>	<i>0.18</i>	<i>50 to 340/360</i>	<i>121-3822UI</i>
0.25	15	0.25	50 to 340/360	122-3812UI
	30	0.25	50 to 340/360	122-3832UI
0.32	15	0.25	50 to 340/360	123-3812UI
	30	0.25	50 to 340/360	123-3832UI

Agilent J&W High Efficiency GC columns are displayed using italicized descriptions and part numbers

Similar Phases: Rtx-35, Rtx-35ms, Rxi-35Sil MS, SPB-35, AT-35, Sup-Herb, MDN-35, BPX-34, ZB-35, ZB-35 ht

TIPS & TOOLS



Complete your ultra inert flow path with the industry leading Agilent Ultra Inert Inlet Liner, www.agilent.com/chem/uiliner

DB-624 Ultra Inert

ID (mm)	Length (m)	Film (μm)	Temp Limits (°C)	7 in Cage
<i>0.18</i>	<i>20</i>	<i>1</i>	<i>-20 to 260</i>	<i>121-1324UI</i>
0.25	30	1.4	-20 to 260	122-1334UI
	60	1.4	-20 to 260	122-1364UI
0.32	30	1.8	-20 to 260	123-1334UI
	60	1.8	-20 to 260	123-1364UI
0.53	30	3	-20 to 260	125-1334UI
	75	3	-20 to 260	125-1374UI

Agilent J&W High Efficiency GC columns are displayed using italicized descriptions and part numbers

DB-UI 8270D

ID (mm)	Length (m)	Film (μm)	Temp Limits (°C)	7 in Cage
<i>0.18</i>	<i>20</i>	<i>0.36</i>	<i>-60 to 325/350</i>	<i>121-9723</i>
0.25	30	0.25	-60 to 325/350	122-9732
			-60 to 325/350	622-9732, 6/pk*
		0.50	-60 to 325/350	122-9736
			-60 to 325/350	122-9736

Agilent J&W High Efficiency GC columns are displayed using italicized descriptions and part numbers

*Only available in the U.S.

General Purpose Sample Storage Vial and Caps

Agilent caps and vials are ideal for sampling and storage. Caps are lined with PTFE/silicone for excellent sealability and chemical resistance. All caps include bonded septa that will prevent liner fallout during shipping and sampling. Caps are manufactured of high quality materials to eliminate sample contamination.



Sample vial pack

General Purpose Sample Storage Vial Kits

Vial Size	Cap Size	Vial Type	Unit	Closed Top	Open Top
4 mL, 15 x 45	13-425	Clear	100/pk	5183-4311	5183-4331
		Amber	100/pk	5183-4321	
12 mL, 19 x 65	15-425	Clear	100/pk	5183-4312	5183-4332
		Amber	100/pk	5183-4322	
22 mL, 23 x 85	20-400	Clear	100/pk	5183-4313	5183-4333
		Amber	100/pk	5183-4323	
40 mL, 28 x 95	24-414	Clear	100/pk	5183-4314	5183-4334
		Amber	100/pk	5183-4324	

Bonded Caps

Cap Size	Cap Color	Cap Type	Septa Type	Unit	Closed Top	Open Top
13-425	White	Polypropylene	PTFE/silicone liner	100/pk	5183-4301	5183-4305
15-425	White	Polypropylene	PTFE/silicone liner	100/pk	5183-4302	5183-4306
20-400	White	Polypropylene	PTFE/silicone liner	100/pk	5183-4303	5183-4307
24-414	White	Polypropylene	PTFE/silicone liner	100/pk	5183-4304	5183-4308



Sample storage vial kit, 5183-4324



PTFE-lined solid top screw caps
for 2 mL vials, 5183-2075



Polypropylene caps with bonded septa,
5185-5823



Screw caps with septa

Screw Caps for 2 mL Vials

Color	Septa Type	Certified	100/pk	500/pk	1000/pk
Blue	PTFE/red silicone septa	✓	5182-0717	5185-5820	5190-1599
	PTFE/white silicone septa	✓	5182-0720	5185-5863	
	PTFE/silicone/PTFE septa	✓	5182-0723	5185-5862	
	Pre-slit PTFE/silicone septa	✓	5183-2076	5185-5865	
	PTFE-lined solid top	✓	5183-2075		
	Open top, no septa	✓	5182-0728		
	Bonded PTFE/silicone septa		5185-5823		
	Bonded pre-slit PTFE/silicone septa		5185-5824	5040-4649	
Green	PTFE/red silicone septa	✓	5182-0718	5185-5829	
	PTFE/white silicone septa	✓	5182-0721	5185-5864	
	PTFE/silicone/PTFE septa	✓	5182-0724	5185-5861	
	Pre-slit PTFE/silicone septa	✓	5183-2077		
	Open top, no septa	✓	5182-0727		
Red	PTFE/red silicone septa	✓	5182-0719		
	PTFE/white silicone septa	✓	5182-0722		
	PTFE/silicone/PTFE septa	✓	5182-0725		
	Pre-slit PTFE/silicone septa	✓	5183-2078		
	Open top, no septa	✓	5182-0726		
Black	PTFE/red silicone septa	✓	5185-5838		
Purple	PTFE/silicone septa	✓	5040-4681		
Light turquoise	PTFE/silicone septa	✓	5040-4683		

Certified Septa for Wide Opening (9 mm) Screw Caps

Septa Type	Color	100/pk
PTFE/red silicone	Ivory	5182-0731
PTFE/white silicone/red PTFE	Red	5182-0729
Pre-slit PTFE/white silicone	Blue	5183-2074
PTFE/white silicone	Red	5182-0730

Screw Cap Pack for 7696 Sample Prep Workbench

Description	Septa Type	Part No.
Multicolor screw cap pack Includes 50/pk of each color: blue, green, red, light turquoise, purple	PTFE/silicone septa	5040-4682

Life Sciences Columns

The life sciences offer some difficult challenges to capillary GC chromatographers. These include complex sample matrices, the necessity for low level detection and the chemically active characteristics of many of the samples. In response to this, Agilent offers a line of columns which are designed specifically for drugs of abuse testing.

DB-ALC1 and DB-ALC2

- Reliable blood alcohol analysis
- Optimized primary and confirmation column pair for U.S. blood alcohol analysis
- Faster GC run times
- Improved resolution of key ethanol/acetone peaks
- Available in 0.32 and 0.53 mm id
- Bonded and cross-linked

Similar Phases: Rtx-BAC1, Rtx-BAC2, ZB-BAC-1, ZB-BAC-2

DB-ALC1 and DB-ALC2

ID (mm)	Length (m)	Film (μm)	Temp Limits (°C)	7 in Cage	5 in Cage	7890/6890 LTM Module
DB-ALC1						
0.32	30	1.80	20 to 260/280	123-9134		123-9134LTM
0.53	30	3.00	20 to 260/280	125-9134	125-9134E	125-9134LTM
DB-ALC2						
0.32	30	1.20	20 to 260/280	123-9234	123-9234E	123-9234LTM
0.53	30	2.00	20 to 260/280	125-9234		125-9234LTM

VF-DA

- Engineered for drugs of abuse confirmation testing
- High recovery for trace level analysis and excellent resistance to direct methanol injections
- Ultra low bleed

VF-DA

ID (mm)	Length (m)	Film (μm)	Temp Limits (°C)	7 in Cage
0.20	12	Optimized	-60 to 325/350	CP8964

Agilent CrossLab Supplies for Shimadzu GC Systems

Liners for 2010 and 2010 Plus Systems

	Description	ID (mm)	OD (mm)	Length (mm)	Volume (μ L)	Unit	Similar to OEM Part No.	Agilent Ultra Inert Deactivation	Similar to OEM Part No.	Agilent Original Deactivation
Split/Splitless Liners										
	Single taper	3.4	5.0	95		5/pk	961-01480-07 221-48335-01	8001-0154	221-48335-01	8001-0104
Splitless Liners										
	Single taper, wool	3.5	5.0	95		5/pk	221-48876-02	8001-0160		
	Double taper, drilled hole near top	3.5	5.0	95		5/pk	220-94734-01	8001-0158		
	Double taper, drilled hole near bottom	3.5	5.0	95		5/pk	220-94734-02	8001-0159		
	Straight-through	2.6	5.0	95	500	5/pk	220-94767-00	8001-0151	220-94767-00	8001-0101
Split Liners										
	Straight-through	3.4	5.0	95	860	5/pk		8001-0153		8001-0103
	Straight with middle restriction	3.5	5.0	95	800	5/pk	221-41444-01	8001-0156	221-41444-01	8001-0106
	Straight with middle restriction, wool	3.5	5.0	95	800	5/pk	220-90784-00	8001-0157		
Other Liners										
	PTV	1.25	3.5	95	100	5/pk	221-49300-00	8001-0163		
	SPME or Purge and Trap, straight	0.75	5.0	95	50	5/pk	220-94769-00	8001-0162		

The cross references to the original equipment manufacturer (OEM) part numbers listed here serve as a recommendation that the CrossLab products are viable alternatives to OEM products. CrossLab products are compatible with the corresponding OEM instruments, although in some cases, the CrossLab products may have slightly different designs as compared to the OEM counterparts. All Agilent CrossLab supplies are backed by Agilent's 90-day money-back warranty.