

Heliflex® AT™-1ms



- Guaranteed low-bleed characteristics
- Specifically designed for mass spec analysis
- Highly inert
- Similar to DB-1ms, HP-1ms, Rtx®-1ms, CP-Sil 5CB low-bleed/MS, MDN-1

AT™-1ms is a line of high-performance low bleed non-polar columns designed specifically for use with mass spectrometers. They are ideal for pharmaceutical, environmental, petrochemical, and food and fragrance analysis, or any GC/MS analysis requiring a 100% dimethylpolysiloxane-type polarity capillary column.

Heliflex® AT™-1ms Specifications	
Phase:	100% Dimethylpolysiloxane
Polarity:	Non-polar
Max. Temp.:	340/360°C
USP Designation:	G1, G2, G38
Ideal For:	Mass Spec Analysis for Environmental, PAH, CLP Pesticides, Steroids, and Drugs

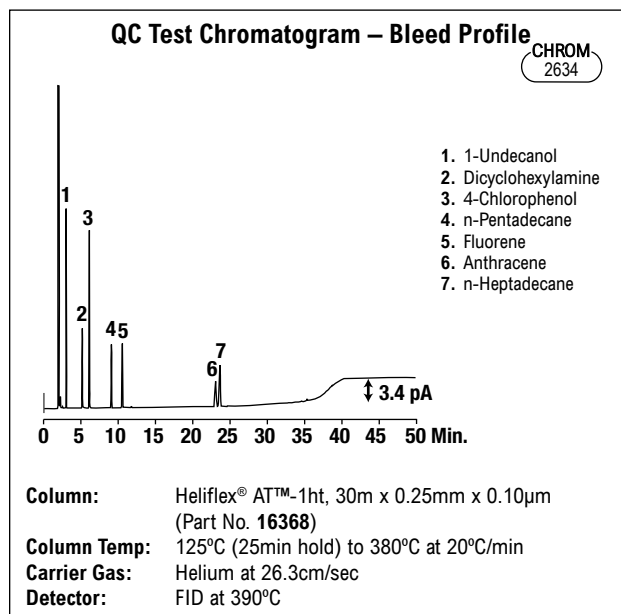
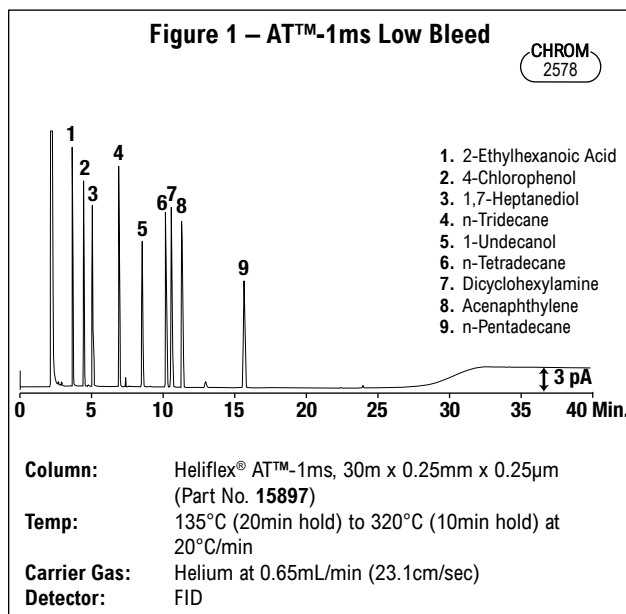
Heliflex® AT™-1ht



Shorten Your Analysis Time with High-Temperature/Low-Bleed Columns

- Faster analysis time for high boiling compounds
- Better peak detection at lower concentrations
- Individually bleed tested at 380°C
- Similar to 007-1, CP-Sil 5CB, DB-1, DB-1ht, HP-1, HP-101, OV™-1, RSL-150, RSL-160, Rtx®-1, SE-30™, SPB™-1, SPB™-Sulfur, ULTRA-1, SP-2100, BP-1, DC-200, PE-1, ZB-1

Heliflex® AT™-1ht Specifications	
Phase:	100% Dimethylpolysiloxane
Polarity:	Non-polar
Max. Temp.:	380/400°C
USP Designation:	G1, G2, G38
Ideal For:	High Boiling Compounds Waxes, Crude Oils, and Triglycerides



Heliflex® AT™-1ms Capillary Columns

Length	i.d.	Film	Temp. Limits min.–max.	Part No.
30m	0.25mm	0.10µm	-60–360°C	15884
	0.25mm	0.25µm	-60–360°C	15897
	0.32mm	0.25µm	-60–360°C	15938
	0.25mm	0.25µm	-60–360°C	15941
60m	0.25mm	0.25µm	-60–360°C	15941
	0.32mm	0.25µm	-60–360°C	15944

Heliflex® AT™-1ht GC Capillary Columns

Length	i.d.	Film	Temp. Limits* min.–max.	Part No.
15m	0.25mm	0.1µm	-60–380/400°C	16367
30m	0.25mm	0.1µm	-60–380/400°C	16368
60m	0.25mm	0.1µm	-60–380/400°C	16369

*Isothermal/Temp. program.

more info

For more Capillary GC Applications, See the GC Applications Section pages 462–493.

more applications

To view our complete searchable chromatogram database visit www.discoverysciences.com/chromdb/



Heliflex® AT™-1



- Excellent general purpose columns
- Similar to DB-1, Rtx®-1, SPB™-1, SPB™-Sulfur, SP-2100, HP-1, HP-101, ULTRA-1, BP-1, CP-Sil 5CB, 007-1, OV-1, SE™-30, DC-200, RSL-150, RSL-160, PE-1, ZB-1

Heliflex® AT™-1 Specifications	
Phase:	100% Dimethylpolysiloxane
Polarity:	Non-polar General Purpose Column
USP Designation:	G1, G2, G38
Ideal For:	General Purpose

Heliflex® AT™-1 Capillary Columns

Length	i.d.	Film	Temp. Limits min.–max.	Part No.	
10m	0.25mm	0.20µm	-60–350°C	932510	
	0.32mm	0.10µm	-60–350°C	16868	
	0.32mm	0.25µm	-60–350°C	13755	
	0.32mm	0.30µm	-60–350°C	933210	
	0.53mm	0.25µm	-60–350°C	16840	
	0.53mm	1.20µm	-60–350°C	935110	
	0.53mm	2.65µm	-60–300°C	16849	
	0.53mm	5.00µm	-60–300°C	16842	
15m	0.25mm	0.10µm	-60–350°C	13649	
	0.25mm	0.25µm	-60–350°C	13753	
	0.25mm	1.00µm	-60–350°C	13653	
	0.32mm	0.10µm	-60–350°C	13673	
	0.32mm	0.25µm	-60–350°C	13757	
	0.32mm	1.00µm	-60–350°C	13698	
	0.32mm	5.00µm	-60–300°C	16836	
	0.53mm	0.15µm	-60–350°C	13945	
	0.53mm	1.20µm	-60–350°C	935115	
	0.53mm	1.50µm	-60–330°C	13905	
	0.53mm	3.00µm	-60–300°C	13893	
	0.53mm	5.00µm	-60–300°C	16851	
	25m	0.25mm	0.20µm	-60–350°C	932525
		0.32mm	0.30µm	-60–350°C	933225
30m	0.25mm	0.10µm	-60–350°C	13663	
	0.25mm	0.25µm	-60–350°C	13638	
	0.25mm	1.00µm	-60–350°C	13639	
	0.32mm	0.25µm	-60–350°C	13640	
	0.32mm	0.30µm	-60–350°C	933230	
	0.32mm	1.00µm	-60–350°C	13641	
	0.32mm	3.00µm	-60–300°C	13702	
	0.32mm	5.00µm	-60–300°C	16838	
	0.53mm	0.50µm	-60–350°C	14038	
	0.53mm	1.00µm	-60–350°C	13515	
	0.53mm	1.20µm	-60–350°C	935130	
	0.53mm	1.50µm	-60–330°C	13908	
	30m	0.53mm	2.65µm	-60–300°C	16876
		0.53mm	3.00µm	-60–300°C	13897
0.53mm		5.00µm	-60–300°C	16843	
50m	0.25mm	0.20µm	-60–350°C	932550	
60m	0.25mm	0.25µm	-60–350°C	13666	
	0.25mm	1.00µm	-60–350°C	13667	
	0.32mm	0.10µm	-60–350°C	13700	
	0.32mm	1.00µm	-60–350°C	13669	
	0.32mm	3.00µm	-60–300°C	13703	
	0.32mm	5.00µm	-60–300°C	13704	
	0.53mm	3.00µm	-60–300°C	13902	
	0.53mm	5.00µm	-60–300°C	13810	
	100m	0.25mm	0.25µm	-60–350°C	13972

Econo-Cap™ EC™-1



- Batch tested to dramatically reduce price

Econo-Cap™ EC™-1 Capillary Columns

Length	i.d.	Film	Temp. Limits min.–max.	Part No.
30m	0.25mm	0.25µm	-60–350°C	19652
	0.32mm	0.25µm	-60–350°C	19651
	0.32mm	1.00µm	-60–350°C	19660
	0.53mm	1.20µm	-60–350°C	19656

Econo-Cap™ EC™-1 Capillary Columns, Six Pack



Length	i.d.	Film	Temp. Limits min.–max.	Part No.
30m	0.25mm	0.25µm	-60–350°C	196526
30m	0.32mm	0.25µm	-60–350°C	196516
30m	0.53mm	1.20µm	-60–350°C	196566