



MXT®-1HT Sim Dist column now available in even more dimensions.

similar phases

DB-1HT, CP-HT-Simdist CB

Simulated Distillation (C44-C100) Analysis

MXT®-1HT SimDist Column (Siltek® treated stainless steel)

(nonpolar phases)

- Stable up to 450 °C—lowest bleed for longest column lifetime.
- Reliably meet all ASTM D6352 and D7500 specifications.
- 100% dimethyl polysiloxane phase allows easy comparisons to historical data.

Accurate boiling point determination for medium and heavy fractions using GC simulated distillation requires columns and phase polymers that are robust enough to withstand high temperatures without significant degradation. Metal columns are a better alternative than fused silica, and the new MXT®-1HT SimDist columns are the lowest bleed, highest efficiency columns available, outperforming other metal columns for critical method parameters.

ID	df	temp. limits	5-Meter	10-Meter
0.53mm	0.10 μ m	-60 to 430/450°C	70112	
	0.20 μ m	-60 to 430/450°C	70115	
	0.21 μ m	-60 to 430/450°C		70118
	0.88 μ m	-60 to 400/430°C	70131	70134
	1.00 μ m	-60 to 380/400°C		70130
	1.20 μ m	-60 to 380/400°C		70119
	2.65 μ m	-60 to 360/400°C		70132
	5.00 μ m	-60 to 360/400°C		70133

MXT®-1 SimDist/MXT®-500 SimDist

- Application-specific columns in unbreakable Siltek® treated stainless steel tubing meet all resolution criteria for high temperature simulated distillation (e.g., ASTM Method D2887 Extended).
- MXT®-1HT SimDist and MXT®-1 SimDist phases offer true methyl silicone polarity; MXT®-500 SimDist phase is a carborane siloxane polymer.
- Stable to 430 °C.

MXT®-1 SimDist Column (Siltek® treated stainless steel)

(nonpolar phase)

ID	df	temp. limits	6-Meter
0.53mm	0.15 μ m	-60 to 430°C	70101

MXT®-500 SimDist Column (Siltek® treated stainless steel)

(nonpolar phase)

ID	df	temp. limits	6-Meter
0.53mm	0.15 μ m	-60 to 430°C	70104

Polywax® Calibration Materials

Description	qty.	cat.#	price
Polywax 655 calibration material	1g	36225	
Polywax 1000 calibration material	1g	36227	

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